

Tanasijevich, Rudy

From: Tanasijevich, Rudy
Sent: Thursday, September 25, 2014 2:14 PM
To: 'd.baker40@aol.com'
Cc: 'cag_cd@annistoncag.org'
Subject: ICs One Page Information Sheet
Attachments: Anniston Baker ICs 1Page Fact sheet.docx

Hey David:

I put this together, since I thought it might be helpful to the CAG and the community members interested in Institutional Control issues.

Take care.

Rudy Tanasijevich
U.S. EPA, Region 4
Senior Attorney

Institutional Controls (ICs)

September 2014

What are ICs and how could they be used at the Anniston PCB and Anniston Lead Sites

-ICs are various locally enforced or suggested restrictions (*on paper*) that explain, in part, how a piece of property or natural resource can or cannot be used since some amount of contamination that poses a risk is left in place at a Superfund site.

-ICs are the non-physical/non-engineered controls that limit or restrict how property or a natural resource can be used in order to 1) minimize or eliminate the possibility for human exposure to contamination and/or to 2) protect the performance of the selected Superfund cleanup remedy.

-There are four main types of ICs:

proprietary controls which are often easements, restrictive covenants or deed restrictions that are real/legal property interests that are listed on the deed to the land. These controls need the private landowner's consent for such restrictions. (State statute/common law are the authority for such controls).

governmental controls often involve local zoning, ordinances and permits. These non-Federal authorities are based on state sanctioned police powers to regulate different land use activities.

informational devices are typically general deed notices, state registries or state advisories that are non-enforceable, non-real property interests that are set up through the state police powers. These devices are controlled by local recording statutes and can often be easily changed or removed.

informal notices are non-enforceable informational tools such as GIS systems, websites, databases, mailings, outreach activities and public meetings that can provide information about the Superfund cleanup activities.

-**ICs are not needed** for property that is either 1) not contaminated or 2) that has been cleaned up to EPA standards under an EPA settlement at a designated Superfund site. (Many of the Anniston properties fall into these categories).

-ICs are developed on a site-specific basis to address the specific conditions at a particular Superfund site.

-After development, ICs need to be implemented, managed and enforced by local entities such as the city, the county, some other division of local government or a qualified third party. EPA does not have any unilateral/independent authority to enforce ICs at Superfund sites.

-At large, complex Superfund sites covering several cities and counties, extensive communication, coordination and agreement between property owners and local governments are needed to successfully design, implement manage and enforce an ICs program.

-Unanimous consent from all individual property owners and support from all of the governmental entities involved are needed to have a comprehensive, effective ICs program over the long term.

-Properties that may need some type of ICs at the Anniston Sites include:

- properties sampled and cleaned up, except for areas under gardens, certain landscaping, drip lines and permanent structures
- properties sampled and cleaned up, but still contain greater than 400 ppm Lead at 2 feet below ground surface, greater than 1 ppm PCBs and less than 10 ppm PCBs below 1 foot below ground surface
- known contaminated properties that still need to be cleaned up pursuant to existing EPA settlements

Tanasijevich, Rudy

From: Tanasijevich, Rudy
Sent: Thursday, September 25, 2014 4:17 PM
To: 'd.baker40@aol.com'
Cc: 'cag_cd@annistoncag.org'
Subject: Letter regarding September CAG meeting

September 25, 2014

David Baker
Community Advisory Group For The Consent Decree
1812 Wilmer Avenue, Suite B
Anniston, AL 36201

RE: September 2014 Anniston CAG Meeting

Dear David:

Thank you for letting me talk at the Community Advisory Group meeting last week and thank you for talking with me for a few minutes after the meeting. Also, thank you for being understanding and listening to my comments that things at the meeting seemed dysfunctional and that I think you need to take a more active role in managing the CAG meetings and in identifying and prioritizing the Site issues that are most important to the CAG and the community. I was sincere when I said that you have an incredible ability to bring people together and to get the attention of senior managers within the U.S. Environmental Protection Agency, Congress and the Court. I have not seen anyone in my 22 plus years at EPA that has had the success and opportunities that you have had in gaining access to such individuals. I think you are a very dedicated, friendly person and that you definitely have the best interests of the Anniston community as your number one priority.

Like I said, as a newer person to the Anniston Superfund process, I may not know all of the facts, issues, arguments and struggles that the CAG, the community, EPA and S/P have had over the years, but I have enough knowledge and experience to see that things could be working better or more effectively. To accomplish that, I think you could more actively control the CAG meetings to recognize and defend the efforts and successes of all parties and to try to minimize the personal attacks that seem to be frequently raised by commenters. I am not saying don't let the CAG or the community express their opinions, concerns and frustrations, but when those comments cross the line to question EPA's or S/Ps' commitment to the process or the Anniston community, you should use your good judgment and step in and explain why that is not the case and express support for the efforts of individuals and the cleanup activities conducted to date.

The countless hours that Pam and Gayle in particular have spent over the past 10 plus years at the CAG meetings shows a tremendous level of commitment that demonstrates how much they care about the community and the cleanup process. This goes well beyond just being part of their job requirements. Then, to have Mr. Frazier suggest at the end of the meeting that Pam is disrespectful and biased, to hear Mr. Rudolph suggest racial bias and make some confusing comparison between the Anniston cleanup and the Ferguson, Missouri case or to hear Dr. Huguley say I don't care about Anniston because I don't live there and this is just

my job, is just not right. I think those comments are instances where you could play an important role by acknowledging the commenters concerns, but then defending the important contributions that Pam and Gayle and others have made to the Anniston community and the cleanup process over the years and to say that such negative comments do not have a place in this process. Silently letting those comments stand encourages more such comments and leads to further distrust and misconceptions towards EPA within the community. Such comments simply do not do anything to advance the common goals that we all hope to achieve for the Anniston community.

I also mentioned that I think it would be a good idea to identify a few particular issues that are top priorities that the CAG and the community would like input on addressing. ICs are one reoccurring topic, which is a good one. But, to focus on saying Anniston needs a Bunker Hill, Idaho type IC program is not realistic or necessary for the type of cleanup that is going on in Anniston. I think it would be more effective to say that ICs, where needed because contamination that may pose a health risk is left on Site, are a priority issue for the community. Moreover, absent having certain ICs in place, you are concerned about the potential for re-contamination of adjacent properties or the exposure to young kids when abandoned homes are torn down and the exposed soil potentially contains elevated levels of PCBs or lead. How can the CAG most effectively provide input on and address this issue? I would suggest that we could work more closely together to involve the local governments to see what systems are in place or what new systems could be developed to help identify properties with potential risks that might need some type of attention through an IC mechanism.

Another issue that seems to be important for a few CAG members and some of the community representatives at the meeting is how to better provide information to the community about certain cleanup accomplishments or future planned investigations and cleanup work. Councilman Reddick stated that Anniston residents don't come to the meetings, they don't read websites, newspapers or environmental literature, but they watch television and/or listen to the radio. Thus, he suggested that EPA or S/P prepare television or radio ads to get the word out about the successes in Anniston. I think a commercial or advertisement made by EPA or S/P that tells what they have done and how great things are in Anniston may not be so well received in the community. Again, I think this falls back on your leadership of the CAG to get the word out initially and then EPA and S/P could provide help or assistance in explaining some of the more complicated issues or technical aspects of the past work and planned future Site activities. Maybe we could help write a fact sheet or letter that the CAG could send out under its letterhead to residents, churches or other community organizations. That way it would probably get more attention and have more credibility within the community than an EPA or S/P issued statement or commercial.

I also think that every issue or miscommunication does not have to turn into a lengthy debate or disagreement. It feels like the CAG meetings are often sessions for the CAG and the community to attack or be adversarial with EPA and S/P. That is not productive or helpful to the process. For example, last Monday Ms. Carter's comment that the property demolition information EPA and S/P provided was incomplete or needed further explanation or clarification. That seemed like a simple issue to address. Instead, it turned into a lengthy discussion on why can't EPA give the CAG what it asks for, which then led to Dr. Huguley's comment that EPA and S/P seem so calm and unconcerned with the issues facing the Anniston community. I think it is important to keep in mind that some of these requests involve information that EPA or S/P have to obtain from outside sources (which the CAG could also request from those sources on its own). EPA and S/P then take that information and either directly provide it to the CAG or take that information and create new documents to provide to the CAG. Sometimes information is unintentionally left out or is not included perhaps because of the differences in the technical understanding of the issue between EPA-S/P and the CAG-community. On similar issues in the future, please try to simply ask for clarification without the accusations and EPA and S/P will be happy to provide the CAG with the requested information.

The CAG and the community should understand that respect and consideration of effort goes both ways. For example, a couple of months ago Ms. Carter specifically requested and scheduled an ICs meeting which Pam and I attended in Anniston. A couple of other CAG members were there, but Ms. Carter never showed up or never called to say she could not attend. Obviously that was frustrating and we spent a half day traveling to Anniston from Atlanta for a meeting which she requested, but did not attend. EPA did not call her out or accuse her of any bad intentions, but simply carried on.

I know you understand there are limits to what EPA can do in the community or legally require S/P to do under CERCLA. But, that does not mean we cannot work together to identify and try to accomplish other objectives of the CAG and the community to make the cleanup process more successful. Again, you play a very important role in helping us communicate to the CAG and the community that some issues are just not EPA's responsibility. For example, Mr. Rudolph's comments about being so upset by the deal that the City and some developers reached on purchasing some property for the new trail system. It would have been helpful for you to step in and say, I understand your frustration with what happened, but that seems to be more of an issue with the City and not with EPA. Instead, your silence led many to believe that EPA was somehow involved with facilitating that deal and supported a bunch of "white developers" which led to Mr. Rudolph's Ferguson, Missouri, comment, which I thought was totally inappropriate.

If you and the CAG are the main source of information and points of contact for the community, and you and the CAG do not correct the type of misstatements noted in this letter, that supports the impression that EPA and S/P don't care or that they are not concerned with what happens in Anniston. That is simply not the case. Pam and I work for EPA because we do care and we want to make a difference in impacted communities, and I know Gayle feels the same way about her position. That would be like me saying your funeral director position is just a job, just a paycheck, and that you don't care about all of the people that have passed away that you have cared for and that you are not concerned for the families that have been impacted by your help. I am sure you would be both angry and hurt by such comments, because that is not true, you do care and it is not just your job.

Sorry my comments are so lengthy, but I felt compelled to write something to you to express my concern and frustration, as well as my hope that we can work together to more effectively identify, manage and address the issues impacting the Anniston community.

Sincerely,

Rudolph C. Tanasijevich
U.S. EPA, Region 4
Associate Regional Counsel

Tanasijevich, Rudy

From: Tanasijevich, Rudy
Sent: Monday, September 29, 2014 9:48 AM
To: 'Community Advisory Group'
Subject: RE: ICs One Page Information Sheet

Hi Cindy. My number is:

404 562 9557

Thanks.

-Rudy T.

From: Community Advisory Group [mailto:cag_cd@annistoncag.org]
Sent: Friday, September 26, 2014 10:35 AM
To: Tanasijevich, Rudy
Subject: Re: ICs One Page Information Sheet

Good Morning,

Mr. Baker would like to call you. Please forward your number.

Thanks, Cindy

On Thu, Sep 25, 2014 at 1:13 PM, Tanasijevich, Rudy <Tanasijevich.Rudy@epa.gov> wrote:

Hey David:

I put this together, since I thought it might be helpful to the CAG and the community members interested in Institutional Control issues.

Take care.

Rudy Tanasijevich

U.S. EPA, Region 4

Senior Attorney

Cynthia Calix

Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429

FAX: 256*741*3224

Website: www.annistoncag.org

Community Advisory Group (CAG) is an advisory group of citizens who exists to serve as a place for the exchange of information and input from the community in the affected area and advise those individuals and organizations charged with carrying out the actions described in the Consent Decree in an effective and well-managed manner.

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Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Saturday, March 02, 2013 4:51 PM
To: Scully, Pam
Subject: air sample results

Follow Up Flag: Follow up
Flag Status: Completed

Pam

Can you send me a copy of the recent results and the ones that was previously done in or around 2002.

Thanks

Shirley

Scully, Pam

From: Cynthia Calix <ccalix@annistoncag.org>
Sent: Monday, March 04, 2013 11:37 AM
To: cag_cd@annistoncag.org
Subject: Proposed Agenda for March 18 2013 CAG Meeting
Attachments: CAG_Agenda_for March 2013.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Good Morning,

Agenda is attached.

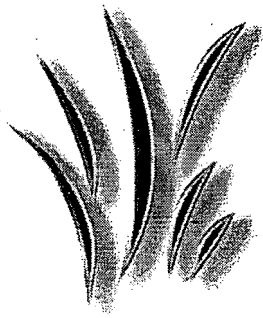
Thanks

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"To the world you might be one person, but to one person you might be the world." - -

Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
PO Box 487
Anniston, AL 36202
256*741*1429
ccalix@annistoncag.org
cag_cd@annistoncag.org



Community Advisory Group for the Consent Decree

David Baker
Community Against Pollution
CAG-CD Chairman

James Hall
West Anniston Resident
CAG-CD Vice Chairman

Maudine Holloway
West Anniston Resident
CAG-CD Secretary

Kay Beard
West Anniston Resident
CAG-CD Treasurer

Charity Richey-Bentley
Northeast Alabama Center for Community Initiatives

Dr. Barbara Boyd
West Anniston Resident

Shirley Carter
Mothers and Daughters Protecting Children's Health

Elaine Emory
West Anniston Resident

Richard Franke
Logan Martin Lake Protection Assoc.

Mary Johnson
Oxford Resident

Robert A. Pyles
Hobson City Resident

Isabella Trussell
Logan Martin Lake Protection Assoc.

Frank Chitwood
Alternate

Dr. N. Q. Reynolds
Emeritus Member

IN MEMORIAM
Andrew Bowie
West Anniston Resident

AGENDA

18 March 2013

**Carver Community Center
720 West 14th Street
Anniston, AL 36201
5:30 P.M.**

- 1. Call to Order**
- 2. Invocation**
- 3. Approval of Today's Agenda and Minutes from January Meeting**
- 4. Financial Report**
- 5. Updates**
 - ☒ Anniston Community Education Foundation
 - ☒ CAG Chairperson
 - ☒ Institutional Controls Committee
 - ☒ Shirley Carter
 - ☒ EPA
 - ☒ Pam Scully
 - ☒ Solutia
 - ☒ Gayle Macolly
 - ☒ Technical Advisor
 - ☒ Bertrand Thomas
- 7. Community Comments and Questions**

Next Meeting Date: July 15, 2013 Place TBD

Adjourn

Scully, Pam

From: Scully, Pam
Sent: Tuesday, March 05, 2013 6:38 AM
To: Shirley Carter
Subject: RE: air sample results

Follow Up Flag: Flag for follow up
Flag Status: Completed

Shirley,
I haven't gotten the report yet.
Pam

Pamela J. Langston Scully, P.E.
U.S. Environmental Protection Agency
61 Forsyth Street, SW
Atlanta, Georgia 30303
scully.pam@epa.gov
Office: 404-562-8935
Cell: 404-661-7378

From: Shirley Carter [mailto:msabccarter@yahoo.com]
Sent: Saturday, March 02, 2013 4:51 PM
To: Scully, Pam
Subject: air sample results

Pam
Can you send me a copy of the recent results and the ones that was previously done in or around 2002.
Thanks
Shirley

Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Monday, March 11, 2013 12:01 PM
To: Scully, Pam
Subject: air samples

Follow Up Flag: Follow up
Flag Status: Completed

You gave a report that there was preliminary data that EPA has reviewed and it was similiar to the previously collected data. Can i have a copy of that or do i need to request that from EPA under FOIA. As a community person with concerns I would like to have the data for comparison. Would also like to know where the samplings was done. I have not attended a CAG meeting lately due to recovering from an illness but hopefully will be there this CAG meeting.

Thanks
Shirley

Scully, Pam

From: Scully, Pam
Sent: Monday, March 11, 2013 12:09 PM
To: Shirley Carter
Subject: RE: air samples

Follow Up Flag: Follow up
Flag Status: Completed

Shirley,

I cannot release data until it is validated. I hope to get the data report with map of locations before the CAG meeting. When I have it I will give you a copy. FOIA won't release un-validated data. I will ask our risk assessment folks and ATSDR to review the data and tell the community what it means. I really and trying to get you the information. I hope you are feeling better, and I hope to see you next Monday.

Pam

Pamela J. Langston Scully, P.E.
U.S. Environmental Protection Agency
61 Forsyth Street, SW
Atlanta, Georgia 30303
scully.pam@epa.gov
Office: 404-562-8935
Cell: 404-661-7378

From: Shirley Carter [mailto:msabccarter@yahoo.com]
Sent: Monday, March 11, 2013 12:01 PM
To: Scully, Pam
Subject: air samples

You gave a report that there was preliminary data that EPA has reviewed and it was similar to the previously collected data. Can I have a copy of that or do I need to request that from EPA under FOIA. As a community person with concerns I would like to have the data for comparison. Would also like to know where the samplings was done. I have not attended a CAG meeting lately due to recovering from an illness but hopefully will be there this CAG meeting.

Thanks
Shirley

Scully, Pam

From: Scully, Pam
Sent: Friday, March 15, 2013 11:45 AM
To: Shirley Carter; Gayle Macolly; Cynthia Calix; bertrandthomas10@comcast.net
Subject: Air Sampling Report
Attachments: REPORT Anniston 2012 PCB Air Study.pdf

Follow Up Flag: Follow up
Flag Status: Completed

All

I am sending you all a copy of the air sampling report for samples collected in October 2012. I am not asking for your comments on this report.

The data have been validated. I wanted to release the data to you because you or others may have requested this data. The data will not change.

I have sent the data to ATSDR, and there will be information forthcoming from EPA's toxicologist about what the data means as far as EPA is concerned.

Pam

Pamela J. Langston Scully, P.E.
U.S. Environmental Protection Agency
61 Forsyth Street, SW
Atlanta, Georgia 30303
scully.pam@epa.gov
Office: 404-562-8935
Cell: 404-661-7378

Scully, Pam

From: Community Advisory Group <cag_cd@annistoncag.org>
Sent: Tuesday, April 30, 2013 2:53 PM
To: Cynthia Calix; CAG CD
Subject: Proposed Agenda for May 2013 Meeting
Attachments: CAG_Agenda_for May 2013 proposed.doc

Follow Up Flag: Follow up
Flag Status: Completed

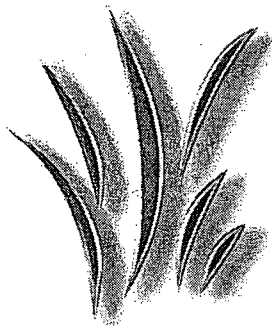
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Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
P.O. Box 487
Anniston, AL 36202
256*741*1429
Website * www.annistoncag.org

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Community Advisory Group for the Consent Decree

David Baker
Community Against Pollution
CAG-CD Chairman

Maudine Holloway
West Anniston Resident
CAG-CD Secretary

Kay Beard
West Anniston Resident
CAG-CD Treasurer

Charity Richey-Bentley
Northeast Alabama Center for Community Initiatives

Dr. Barbara Boyd
West Anniston Resident

Shirley Carter
Mothers and Daughters Protecting Children's Health

Elaine Emory
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Robert A. Pyles
Hobson City Resident

Isabella Trussell
Logan Martin Lake Protection Assoc.

Frank Chitwood
Alternate

Dr. N. Q. Reynolds
Emeritus Member

IN MEMORIAM
James Hall
Andrew Bowie
West Anniston Resident

AGENDA

20 May 2013

Carver Community Center

720 West 14th Street

Anniston, AL 36201

5:30 P.M.

- 1. Call to Order**
- 2. Invocation**
- 3. Approval of Today's Agenda and Minutes from March Meeting**
- 4. Financial Report**
- 5. Updates**
 - ☐ EPA
 - ☐ Pam Scully
 - ☐ Solutia
 - ☐ Gayle Macolly
 - ☐ Technical Advisor
 - ☐ Bertrand Thomas
 - ☐ Institutional Controls Committee
 - ☐ Shirley Carter
 - ☐ CAG Chairperson
 - ☐ David Baker

7. Community Comments and Questions

Next Meeting Date: July 15, 2013 Place TBD

Adjourn

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201

Tel: (256) 741-1429

Website: www.annistoncag.org

Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Sunday, June 09, 2013 7:04 PM
To: Scully, Pam
Subject: cold water bike trail

Follow Up Flag: Follow up
Flag Status: Completed

Pam

Has there been testing of the soil on the cold water bike trail? If so where can we get the results

Thanks

Shirley

Scully, Pam

From: Community Advisory Group <cag_cd@annistoncag.org>
Sent: Monday, July 08, 2013 8:21 AM
To: CAG CD
Subject: CAG Proposed Agenda
Attachments: CAG_Agenda_for July 2013.docx

Follow Up Flag: Follow up
Flag Status: Completed

Good Morning,

CAG meeting agenda is attached.

Have a great day!

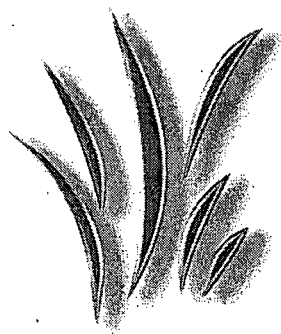
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Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
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Website * www.annistoncag.org

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Community Advisory Group for the Consent Decree

David Baker
Community Against Pollution
CAG-CD Chairman

Maudine Holloway
West Anniston Resident
CAG-CD Secretary

Kay Beard
West Anniston Resident
CAG-CD Treasurer

Charity Richey-Bentley
Northeast Alabama Center for Community Initiatives

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West Anniston Resident

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Mothers and Daughters Protecting Children's Health

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Robert A. Pyles
Hobson City Resident

Isabella Trussell
Logan Martin Lake Protection Assoc.

Frank Chitwood
Alternate

IN MEMORIAM
Andrew Bowie
West Anniston Resident
Dr. N. Q. Reynolds
James Hall

AGENDA

15 July 2013

Carver Community Center
720 West 14th Street
Anniston, AL 36201
5:30 P.M.

- 1. Call to Order**
- 2. Invocation**
- 3. Approval of Today's Agenda and Minutes from May Meeting**
- 4. Financial Report**
- 5. Updates**
 - ☒ **EPA**
 - ☒ *Pam Scully*
 - ☒ **Solutia**
 - ☒ *Gayle Macolly*
 - ☒ **Technical Advisor**
 - ☒ *Bertrand Thomas*
 - ☒ **Institutional Controls Committee**
 - ☒ *Shirley Carter*
 - ☒ **CAG Chairperson**
 - ☒ *David Baker*

6. Community Comments and Questions


Next Meeting Date: September 23, 2013
Place TBD

Adjourn

Scully, Pam

From: Cindy <ccalix@annistoncag.org>
Sent: Tuesday, September 03, 2013 5:00 PM
To: Scully, Pam
Subject: CAG Meeting Reminder

Follow Up Flag: Follow up
Flag Status: Completed



**Community Advisory Group
Community Meeting
Monday September 23, 2013
5:30 p.m.
Carver Community Center, Anniston, AL**

[Click here for Agenda](#)

Anniston CAG-CD Office
1812 Wilmer Avenue Suite B
Anniston, AL 36201

www.annistoncag.org
cag_cd@annistoncag.org

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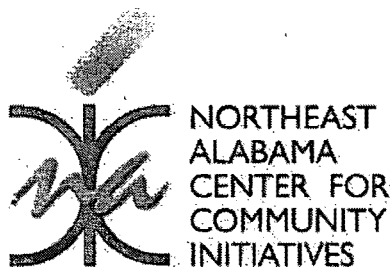
Scully, Pam

From: Charity M. Richey-Bentley <cmrbentley1@bellsouth.net>
Sent: Wednesday, September 11, 2013 11:55 AM
To: d.baker40@aol.com; babs_131@att.net; Robert Pyles; commenab@bellsouth.net; kaybeardal; barbara.boyd@alhouse.org; bboyd@calhouncounty.org; wavig@cableone.net; ITrussell@aol.com; robert_pyles@msn.com; msabccarter; CAG CD; Charity M. Richey-Bentley
Cc: egmaco@solutia.com; cakirk@solutia.com; Scully, Pam
Subject: Resignation from Board of Directors, CAG-CD-Anniston
Attachments: 09112013.Resignation.CAG.cmr.doc

Follow Up Flag: Follow up
Flag Status: Completed

Please see the attached letter.
Thank you.
Charity

Charity M. Richey-Bentley, BS, MPH
President and CEO
Northeast Alabama Center for Community Initiatives
Medical Arts Building
230 East 10th Street
Suite B1 (Basement)
Anniston, Alabama 36207
Voice: (256) 235-5615
FAX: (256) 237-9001
Web: www.naCENTERci.org



September 11, 2013

Mr. David Baker
Chair,
Board of Directors, Community Advisory Group for the Consent Decree (CAG-CD) – Anniston
P. O. Box 487 (LETTER SENT VIA EMAIL)
Anniston, Alabama 36202

RE: Resignation as Board Member for the CAG-CD - Anniston

Dear Mr. Baker:

Please accept this letter as my resignation from the CAG-CD-Anniston Board of Directors.

I would like to express my heart-felt gratitude to all Board members, Eastman representatives and EPA representatives for allowing me to serve in such an important role for our communities.

I wish you much continued success and may God continue to bless your efforts in our communities.

Sincerely,

Charity M. Richey-Bentley

Charity M. Richey-Bentley
President and CEO
Northeast Alabama Center for Community Initiatives (NACCI)

cc: Board Members, CAG-CD – Anniston
Pam Scully, EPA
Gayle Macolly, Eastman

Scully, Pam

From: Community Advisory Group <cag_cd@annistoncag.org>
Sent: Monday, November 11, 2013 5:07 PM
To: CAG CD
Subject: Community Advisory Group Community Meeting
Attachments: CAG_Agenda_for November 2013b.doc

Follow Up Flag: Follow up
Flag Status: Completed

Good Evening,

Proposed agenda is attached for our community meeting on November 18, 2013.

Thanks

Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
1812 Wilmer Avenue
Suite B
Anniston, AL 36201
Voice: 256*741*1429
FAX: 256*741*3224
Website: www.annistoncag.org

Community Advisory Group (CAG) is an advisory group of citizens who exists to serve as a place for the



Community Advisory Group for the Consent Decree

David Baker
Community Against Pollution
CAG-CD Chairman

Walter Frazier
Oxford Resident
CAG-CD Vice Chairman

Maudine Holloway
West Anniston Resident
CAG-CD Secretary

Kay Beard
West Anniston Resident
CAG-CD Treasurer

Dr. Barbara Boyd
West Anniston Resident

Shirley Carter
Mothers and Daughters Protecting Children's
Health

Elaine Emory
West Anniston Resident

Mary Johnson
Oxford Resident

Robert A. Pyles
Hobson City Resident

Isabella Trussell
Logan Martin Lake Protection Assoc.

Frank Chitwood
Alternate

IN MEMORIAM
Andrew Bowie
West Anniston Resident
Dr. N. Q. Reynolds
James Hall

AGENDA

18 November 2013

Carver Community Center

720 West 14th Street

Anniston, AL 36201

5:30 P.M.

- 1. Call to Order**
- 2. Invocation**
- 3. Approval of Today's Agenda and Minutes
from September Meeting**
- 4. Financial Report**
- 5. Updates**
 - ☐ EPA
 - ☐ Solutia
 - ☐ Technical Advisor
 - ☐ Institutional Controls
 - ☐ CAG Chairperson

6. Community Comments and Questions

Next Meeting Date: January 27, 2014
Carver Community Center

Adjourn

Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Tuesday, November 12, 2013 9:40 AM
To: Scully, Pam
Subject: clean up properties

Follow Up Flag: Follow up
Flag Status: Completed

Pam
I am trying to get the number of clean ups done for pcbs and lead can you send me that or tell me where I can get that info
Thanks
Shirley

Scully, Pam

From: Scully, Pam
Sent: Tuesday, November 12, 2013 10:02 AM
To: Shaver, Leslie
Subject: FW: clean up properties

Follow Up Flag: Follow up
Flag Status: Completed

Do you have time to answer this question for Shirley?

Pamela J. Langston Scully, P.E.
U.S. Environmental Protection Agency
61 Forsyth Street, SW
Atlanta, Georgia 30303
scully.pam@epa.gov
Office: 404-562-8935
Cell: 404-661-7378

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Scully, Pam

From: Scully, Pam
Sent: Tuesday, November 12, 2013 11:42 AM
To: Brown, Stephanie
Subject: FW: Community Advisory Group Community Meeting
Attachments: CAG_Agenda_for November 2013b.doc

Follow Up Flag: Follow up
Flag Status: Completed

Pamela J. Langston Scully, P.E.
U.S. Environmental Protection Agency
61 Forsyth Street, SW
Atlanta, Georgia 30303
scully.pam@epa.gov
Office: 404-562-8935
Cell: 404-661-7378

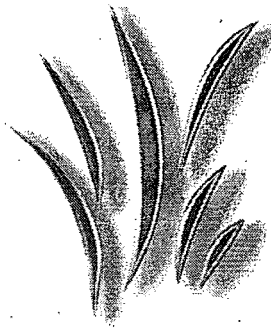
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AGENDA

18 November 2013

Carver Community Center

720 West 14th Street

Anniston, AL 36201

5:30 P.M.

- 1. Call to Order**
- 2. Invocation**
- 3. Approval of Today's Agenda and Minutes
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- 4. Financial Report**
- 5. Updates**

- ☒ **EPA**
- ☒ **Solutia**
- ☒ **Technical Advisor**
- ☒ **Institutional Controls**
- ☒ **CAG Chairperson**

6. Community Comments and Questions

Next Meeting Date: January 27, 2014
Carver Community Center

Adjourn

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201

Tel: (256) 741-1429

Website: www.annistoncag.org

Scully, Pam

From: Shaver, Leslie <leslie.shaver@tetrattech.com>
Sent: Wednesday, November 13, 2013 12:20 AM
To: Scully, Pam
Subject: RE: clean up properties

Follow Up Flag: Follow up
Flag Status: Completed

Hello Pam,

Of course there are a million ways I could divide up the numbers, but I thought this would be the best for this question. If you would like the divisions to be any different, call me tomorrow. The site trailer is supposed to get internet tomorrow, but I am not sure it will actually happen. I will have my computer with me to use the database, if needed.

Total number of PCB Removals Performed: 550

By Solutia: 543

By FCP and/or EPA: 7

Total number of Lead Removals Performed: 678

By Solutia and/or EPA: 149

By FCP: 529

Total number of Commingled Removals Performed (PCB and Lead removed from property): 160

By Solutia: 58

By FCP: 68

By some combination of EPA, FCP and/or Solutia: 34

Total numbers of parcels sampled: 7,865

Thanks,
Leslie

From: Scully, Pam [<mailto:scully.pam@epa.gov>]
Sent: Tuesday, November 12, 2013 10:02 AM
To: Shaver, Leslie
Subject: FW: clean up properties

Do you have time to answer this question for Shirley?

Pamela J. Langston Scully, P.E.
U.S. Environmental Protection Agency
61 Forsyth Street, SW
Atlanta, Georgia 30303
scully.pam@epa.gov
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Cell: 404-661-7378

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Sent: Tuesday, November 12, 2013 9:40 AM
To: Scully, Pam
Subject: clean up properties

Scully, Pam

From: Scully, Pam
Sent: Thursday, November 14, 2013 10:24 AM
To: Shirley Carter
Subject: Fw: clean up properties

Follow Up Flag: Follow up
Flag Status: Completed

From: Shaver, Leslie <leslie.shaver@tetrattech.com>
Sent: Wednesday, November 13, 2013 12:19:41 AM
To: Scully, Pam
Subject: RE: clean up properties

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U.S. Environmental Protection Agency
61 Forsyth Street, SW
Atlanta, Georgia 30303
scully.pam@epa.gov
Office: 404-562-8935

Scully, Pam

From: Community Advisory Group <cag_cd@annistoncag.org>
Sent: Thursday, January 09, 2014 10:09 AM
To: CAG CD
Subject: CAG Proposed Agenda for January Meeting
Attachments: CAG_Agenda January 2014.doc

Follow Up Flag: Follow up
Flag Status: Completed

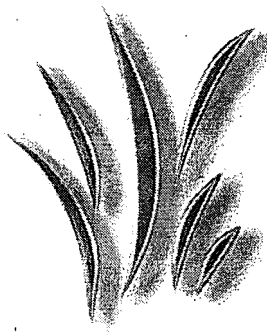
Good Morning & Happy New Year,

The proposed agenda for our January meeting is attached.

Thanks

Cynthia Calix

**Administrator
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AGENDA

27 January 2014
Carver Community Center
720 West 14th Street
Anniston, AL 36201
5:30 P.M.

1. **Call to Order**
2. **Invocation**
3. **Approval of Today's Agenda and Minutes
from November Meeting**
4. **Financial Report**
5. **Updates**
 - ☒ EPA
 - ☒ Solutia
 - ☒ Technical Advisor
 - ☒ CAG Chairperson
6. **Community Comments and Questions**

Next Meeting Date: March 17, 2014
Carver Community Center

Adjourn

Scully, Pam

From: ITrussell@aol.com
Sent: Monday, January 27, 2014 10:49 PM
To: Scully, Pam
Subject: OU4 fact sheet for health risk assess.

Follow Up Flag: Follow up
Flag Status: Completed

Pam,

Can you send me a copy via email or the link to the fact sheet on the EPA web site ASAP? I poked around on the website, but couldn't find it. I would like to send it to several folks interested in Choccolocco, in particular.

Thanks,
Isabella

Scully, Pam

From: Tim Woods <twoods@avatarenviro.com>
Sent: Tuesday, January 28, 2014 9:21 AM
To: ITrussell@aol.com
Cc: Woods, Tim; Scully, Pam; Walsh, Jim; Koporec, Kevin
Subject: OU-4 Factsheet - Human Health Risk Assessment
Attachments: OU4 HHRA Fact Sheet_Final_20140109.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Isabella-

It was nice meeting and speaking with you at the CAG meeting. Per your request to Pam, attached is the Factsheet for the OU-4 Human Health Risk Assessment.

Stay warm.

Regards

Tim Woods

Avatar Environmental - A Service-Disabled Veteran Owned Small Business

107 South Church Street

West Chester, PA 19382

O: 610-692-8330 x14

M: 484-343-8721

U.S. ENVIRONMENTAL PROTECTION AGENCY

FACT SHEET

HUMAN HEALTH RISK ASSESSMENT REPORT

OPERABLE UNIT 4

ANNISTON PCB SITE ANNISTON, ALABAMA



U.S. EPA Region 4

January 2014

Site Background

The Anniston PCB Site (the "Site") is located in Calhoun and Talladega Counties in the north-central part of Alabama. The Site consists of the entire geographic area in and around Anniston, Alabama where polychlorinated biphenyls (PCBs) have come to be located. The U.S. Environmental Protection Agency (EPA) believes that the vast majority of the PCBs in the Anniston area were released from the operations of the former Monsanto Corporation's PCB manufacturing plant. Today the

former PCB plant property is owned by Solutia, Inc. (Solutia). Solutia currently produces polyphenyl compounds and phosphate ester-based hydraulic fluids at the Anniston plant.

To better manage the Remedial Investigation/ Feasibility Study (RI/FS), site management activities have been divided into operable units (OUs), which were selected based on geographic location and complexity.

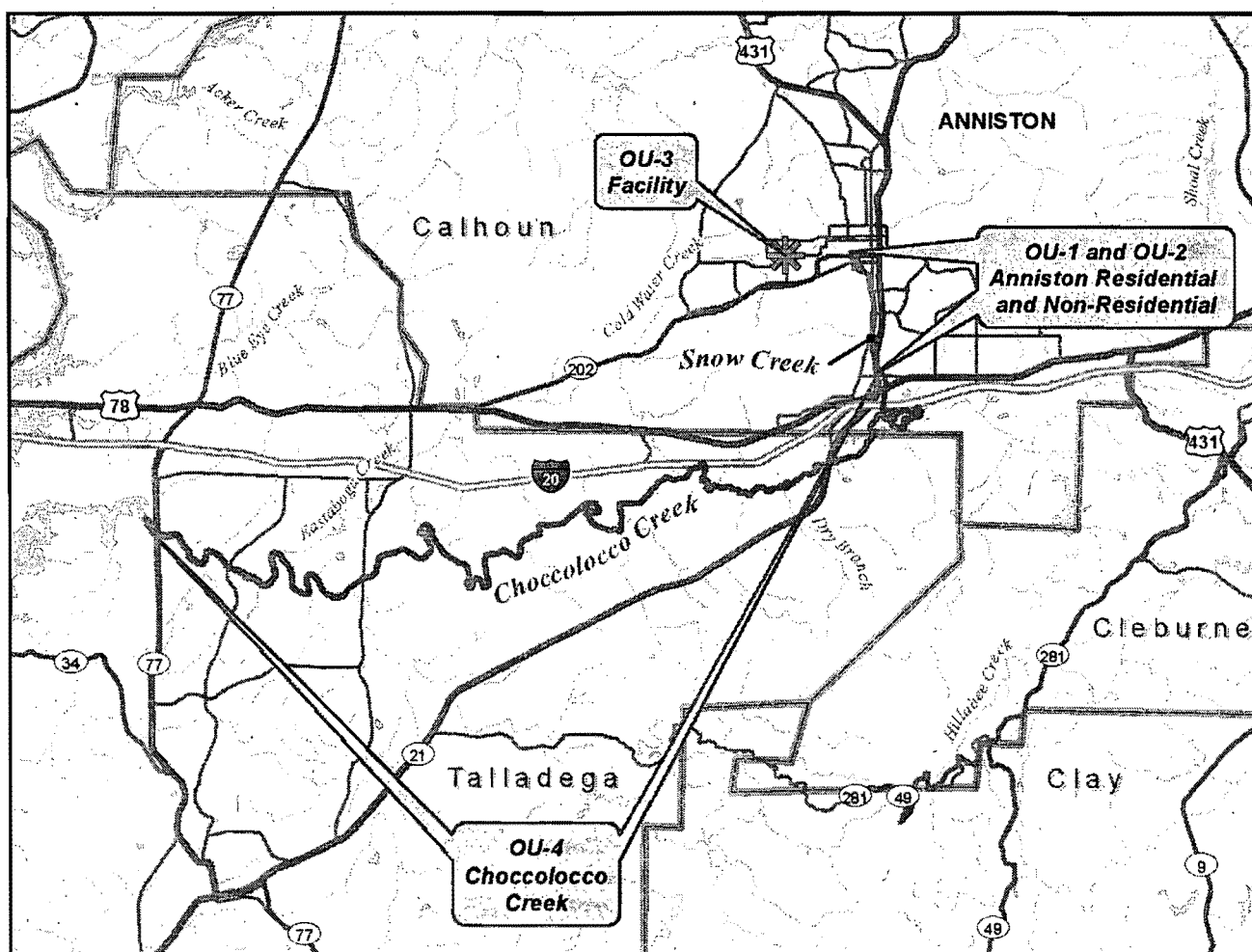


Figure 1 – Anniston PCB Site Operable Units

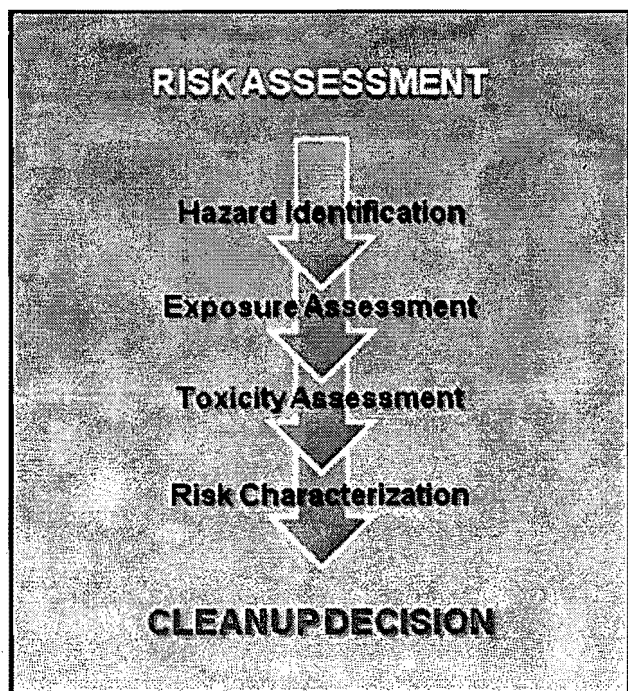
OU-1 and OU-2, which were previously separated, have been combined into a single OU (i.e., OU-1/OU-2). OU-1/OU-2 generally consists of both residential and non-residential properties from, and around, the plant and downstream, following Snow Creek to Highway 78. OU-3 consists of the plant, the South Landfill, and the West End Landfill.

OU-4 includes Snow Creek and its floodplain downstream of Highway 78 to the confluence of Snow and Choccolocco Creeks, and Choccolocco Creek from the backwater area upstream of Snow Creek to Lake Logan Martin in Talledega County. When the remedial investigation for OU-4 is complete, EPA will consider whether additional downstream investigations are warranted. **Figure 1** presents the locations of the Anniston PCB Site Operable Units.

This document focuses on OU-4 and summarizes the conclusions of the Human Health Risk Assessment (HHRA) that was recently prepared for OU-4.

Risk Assessment Process

A Human Health Risk Assessment is conducted to find out what possibility there is that chemicals from a hazardous waste site or facility could cause current or future health risks to individuals who come into contact with them.



The risk assessment provides the community and decision makers with an understanding of the potential health risks posed by contamination in the absence of any

cleanup. Risk assessments are typically conservative to prevent underestimating the health risks to the public.

To identify the current and future health risks, the HHRA answers the following questions:

- **Are toxic compounds present? (Hazard Identification)** Samples of soil, sediment, surface water, and fish tissue were collected to identify chemicals present within OU-4.
- **Who is exposed? How often? (Exposure Assessment)** Chemicals may enter the body through breathing (inhalation), eating (ingestion) or by skin contact (dermal contact). The range of exposure varies from a maximum exposure to an average exposure, which is more reflective of what is likely to occur.
- **How toxic are they? (Toxicity Assessment)** EPA used information collected from past animal and human studies to assess the potential for chemicals to cause cancer or non-cancer effects.
- **Are there potential health risks? (Risk Characterization)** The risk characterization describes the potential health risks and identifies which chemicals are causing the risk.

Contaminants of Potential Concern

A contaminant of potential concern (COPC) screening was performed for the OU-4 HHRA. Total PCBs, PCB dioxin-like congener toxic equivalents (TEQ), dioxin TEQ, and mercury were identified as COPCs for the fish ingestion pathway. Total PCBs and mercury were identified as the primary COPCs in the floodplain soil. In addition, analytes including dioxins/furans, carcinogenic polycyclic aromatic hydrocarbons (PAHs), and metals were identified as other COPCs in the floodplain soil. Only total PCBs were evaluated in agricultural products.

Exposure Units

OU-4 includes over 35 miles of the Choccolocco Creek floodplain. Characterization Areas (CAs) were developed based on topographical and hydraulic features to evaluate the nature and extent of contamination. Nine CAs were identified along the length of OU-4 and each of the nine CAs were subdivided into two to four subareas based on the side of the Creek (north or south) and the area within the 100-year floodplain. Given the size and land use variability of these CAs, EPA determined that additional segmentation of CAs into Exposure Units (EUs) was necessary to adequately characterize exposure. The approach for developing EUs was to identify as large an area as reasonable within a CA considering both property ownership and land use.

Twenty-five EUs were identified for evaluating direct contact risks associated with floodplain soils in OU-4 (**Figure 2**), and an additional eight EUs were evaluated

for agricultural exposure via indirect contact (chemical uptake into vegetables and animals that are then eaten by humans). Fish fillet samples were collected from nine locations along the Choccolocco Creek to characterize the extent of the fish contamination. The fish sampling locations consisted of access points like bridge crossings. Three different fish species categories were collected from each location including bass (spotted bass and largemouth bass), catfish, and panfish (sunfish and crappie).

Exposure Pathways

Exposure pathways are identified to estimate risks and hazards to individuals who currently contact the contaminated media and those who may contact the contaminated media at some point in the future. **Figure 3** illustrates the Conceptual Site Model of OU-4. It shows the source of the contamination and how the contamination is released and transported from the source to the media, such as soil and fish tissue to which individuals may be exposed. In addition to the pathways shown on **Figure 3**, EPA has evaluated groundwater conditions where PCBs were found at depth in Snow Creek, in both OU-2 and OU-4. Based on those results, PCBs are not expected to be present in groundwater at levels that exceed the federal maximum contaminant level (MCL) for PCBs in drinking water of 0.5 µg/L (micrograms per liter).

Pathways Analysis

A critical step in characterizing health risks at hazardous wastes sites, such as the Anniston PCB Site, is estimating how much of each site-related chemical might be taken into the body by people living, working, recreating, or trespassing/visiting on or near the site. In this step of the risk assessment process, known as exposure assessment, the risk assessor begins with a "**pathways analysis**." People can be exposed to chemicals through what are termed "**exposure pathways**." The pathways analysis considers exposure pathways that are most important for the Site.

The pathways analysis considers how often people contact contamination in the environment, for how long (number of years) people continue this contact, and how much chemical is taken into the body at each contact. Estimates for these considerations are termed "**exposure parameters**." The risk assessor chooses exposure parameters that are estimated for each exposure pathway. The exposure parameters are chosen based on the current exposure and the anticipated exposure that could occur in the future. Exposure pathways and scenarios, and exposure parameters are discussed below.

Exposure Pathways

Exposure pathways describe ways that people can come into contact with chemicals. Exposure pathways typically consist of four parts:

1. A source of chemicals – for instance, an industry that produces wastes, which are not usable or disposed of easily.
2. A way that chemicals enter the environment (a release mechanism) – for instance, industrial wastes at the PCB plant were placed into landfills.
3. A way that chemicals move through the environment to places where people live, work or recreate/trespass – for instance, chemicals in wastes placed in a landfill may be carried off-site during rain events and subsequent runoff and impact a surface water body, such as the Choccolocco Creek.
4. A way that chemicals can enter the body – for instance, people that eat fish from contaminated bodies of water could take chemicals into their bodies.

An example of an exposure pathway is the "soil dermal contact pathway." For this pathway, soil would be the location of chemicals in the environment when people come into contact with them, and dermal contact (soil sticking to skin which allows chemicals to be absorbed through their skin and into their body) would be the way that people are actually exposed.

The length of the Choccolocco Creek within OU-4, and the size and multiple uses of the floodplain, pose a significant challenge to effectively assess risk from exposures to contamination for both current and potential future uses of the area. Children and adults may be exposed to soil while engaging in a variety of activities around their homes or recreational activities at other locations. Adults may be exposed to soil while working in agricultural, landscaping, utility maintenance, and other occupations. Anglers, farmers, and their families may be exposed to contaminants from eating fish caught from the Creek and eating crops and other agricultural products raised in the floodplain. Hunting appears to be a popular activity in the area. The potential exposure associated with eating game (e.g., deer and turkey) taken from the floodplain is expected to be negligible given the large home ranges of the game animals.

Exposure pathways that have been identified for Anniston PCB Site OU-4 are presented in **Figure 3**. Estimates of the amount of chemicals taken in by people living, working or recreating/trespassing on or near OU-4 were used in the risk assessment to characterize risk associated with chemicals released to the environment.

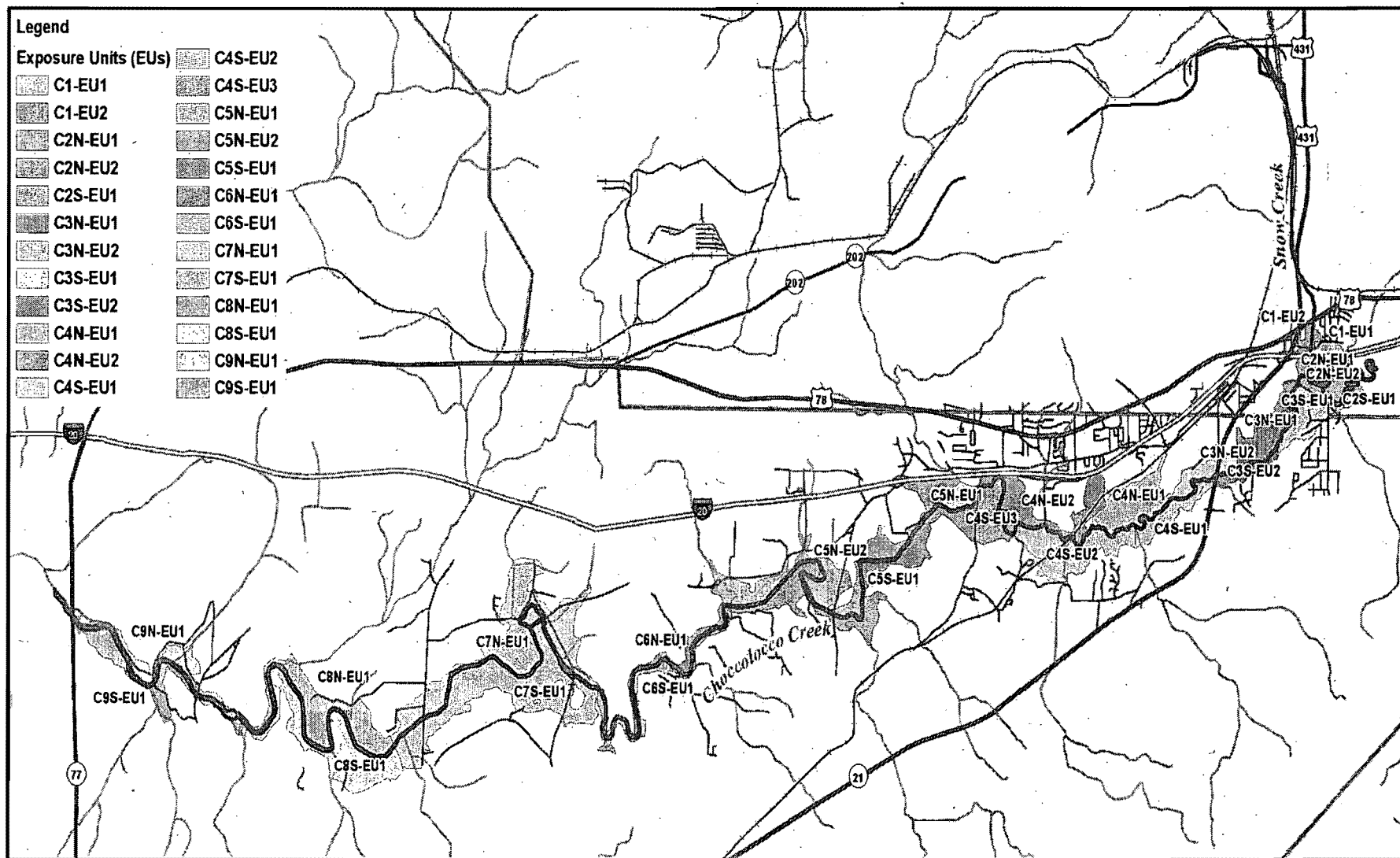


Figure 2 – OU-4 Exposure Units

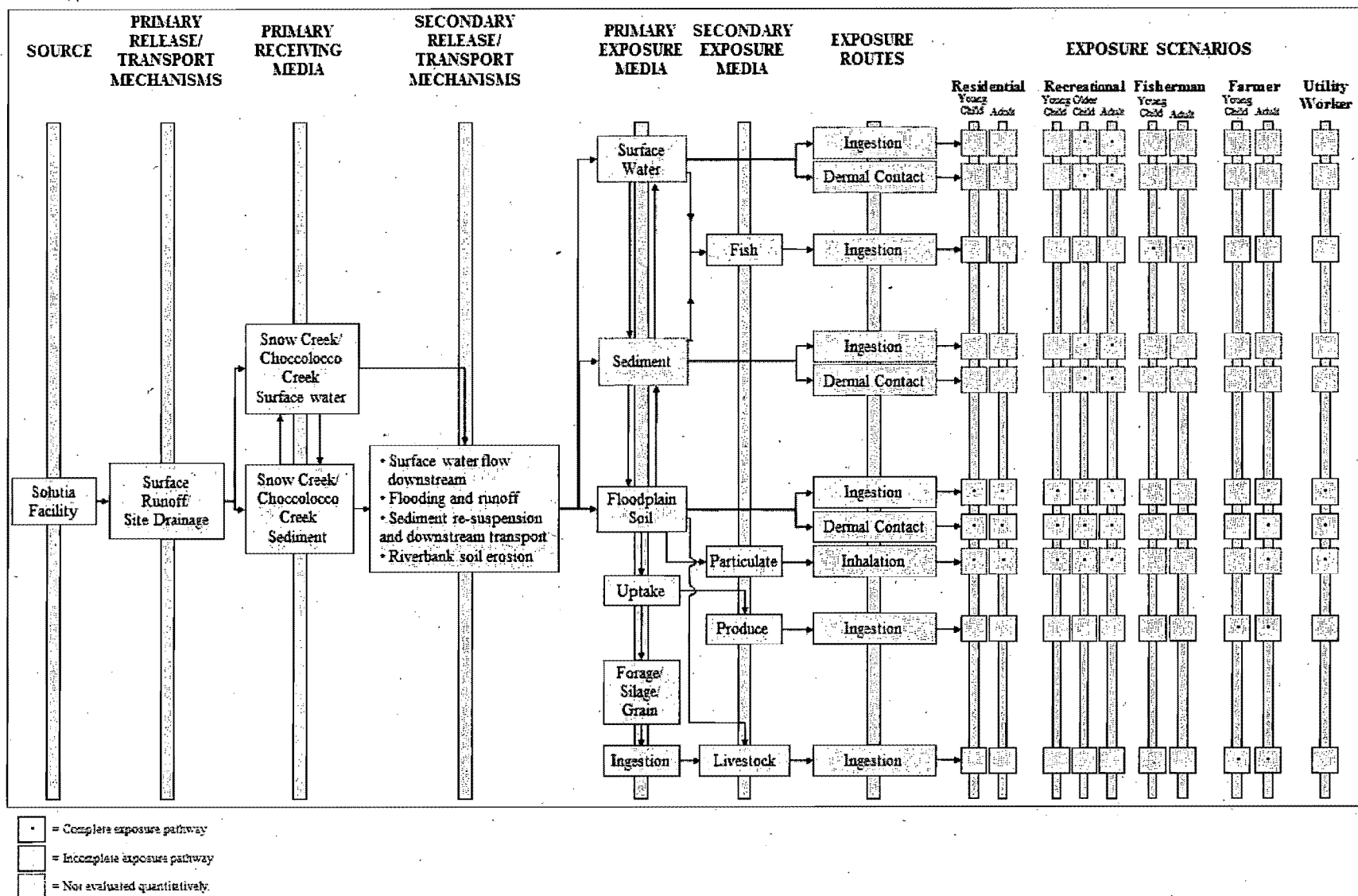


Figure 3 – OU-4 Conceptual Site Model

Exposure Parameters

Exposure parameters help the risk assessor estimate how much of a chemical might be taken into the body given the current exposure associated at an area and the likely future exposure. Exposure parameters are identified for each exposure pathway and include:

- The number of days in a year people might ingest chemicals in soil, fish, agricultural products, or get contaminated soil on their skin (exposure frequency).
- The number of years people continue to have exposure to site-related chemicals (exposure duration).
- The amount of soil, fish, or other food items gathered from a contaminated area that is taken in each time a person contacts contamination (contact rate). For soil, it is the amount consumed incidentally during outdoor work or play or the amount of soil that sticks to the skin. For ingestion of contaminated food items such as fish and agricultural items, it is the amount of the food item consumed.
- Other parameters are also used in the calculations. These parameters are important for making exposure estimates comparable. These exposure parameters include body weights for children, teenagers and adults; the area of skin surface for children, teenagers and adults; and averaging time, which helps the risk assessor express all calculations in terms of the amount of chemical taken in each day.

RESIDENTIAL PROPERTIES

There are numerous residential properties within the floodplain area. Children and adults can contact the soil in the areas immediately around the location of the residence on a regular basis. Similar to OU-1/OU-2, the areas around the residences were delineated and evaluated by comparing the PCB concentrations (95% UCL) to 1 mg/kg, the residential remedial level used in OU-1/OU-2. Residential properties in OU-4 have been investigated and removal actions have been implemented for all residential properties where property access was available.

Risks are Presented as Numbers

Cancer Risk is the increased probability, or chance, of getting cancer as a result of exposure to chemicals at a site. In the OU-4 HHRA, a risk level of 1 in 1,000,000 increased chance is written 1E-06.

Noncancer Risk is a comparison of an acceptable exposure to the amount of exposure estimated at a site. The comparison is called the Hazard Quotient (HQ). An HQ greater than 1 indicates that site exposure exceeds the acceptable exposure.

Acceptable Risks for cancer are considered by EPA to be within the range of 1 in 1,000,000 to 1 in 10,000. For risk estimates within this range, EPA looks at site-specific factors affecting risk, uncertainties with the estimate, as well as other factors regarding potential remediation. Cancer risk estimates exceeding 1 in 10,000 are considered to be unacceptable and thus necessitate the evaluation of remediation or other means to reduce/prevent exposure. For noncancer health effects, an HQ less than 1 means that people are unlikely to be harmed.

Summary of Findings

Overall, the following conclusions can be drawn from the HHRA that was performed for OU-4:

- Fish consumption poses a potentially significant human health risk to those who regularly consume fish from the Choccolocco Creek at or near the levels assumed in the HHRA (see **Figures 4 and 5**). The reasonable maximum exposure (RME) cancer risks from PCBs were greater than a 1 in 10,000 (1E-04) chance. Total PCBs resulted in RME HQs greater than 10. The RME HQs from mercury, PCB dioxin-like congener TEQ, and 2,3,7,8-TCDD TEQ were greater than one at a number of locations but were less than the total PCBs HQs.
- Risks from consuming locally raised beef and dairy products from the highest concentration areas, also could pose health risks if current practices changed and a significant portion of an individual's beef and/or dairy intake was locally raised and consumed over a long period of time.
- Risks from other agricultural product consumption, including chicken, eggs, and vegetables are not likely to be a concern under any current or future circumstances.
- Risks from direct contact exposures to floodplain soil are not likely to be of any concern even at the highest concentration areas.

Uncertainty Analysis

Along with the numeric results, the confidence associated with the assumptions and input parameters must be considered. The uncertainty analysis shows that risks are relative and do not represent an absolute "bright line" value. Although uncertainties cannot often be quantified, the direction of the uncertainty (i.e., over- or underestimation) can be noted.

For example, with agricultural product ingestion, risks were calculated for several products (dairy, vegetables, chicken and eggs) that are without evidence of current production in the floodplain. This clearly overestimates risk values unless these practices become common. Also, conservative models were used to estimate the total PCB

concentrations in agricultural products. Similar conservative assumptions were built into the fish ingestion and direct contact risk estimate.

The Anniston PCB Site Human Health Risk Assessment was constructed such that any major uncertainties overestimated risk, thereby protecting public health.

Integrated Risk

After evaluating the three primary exposure pathways separately, Site-related total PCB risk to individuals who live, work, and recreate along the Choccolocco Creek and have the potential to be exposed to more than a single exposure pathway, were considered.

Fish ingestion represents the highest potential risk, and the only activity that would have any impact on the estimated risks due to fish ingestion would be consuming beef or dairy products from cattle raised in the floodplain (Figures 4 and 5).

Beef and dairy consumption could be important if an individual raised a significant amount of beef or dairy products for personal consumption in the most highly contaminated areas of the floodplain for a long period of time, a practice that does not seem to be common in the area. Other than this worst-case agricultural pathway assumption, combining the direct contact and/or agricultural product risks to risks associated with fish ingestion would have little impact on the overall results.

Conversely, if an individual heeded the fish consumption advisory, and did not consume fish from the Choccolocco Creek on a regular basis, most farming and recreational practices are unlikely to result in unacceptable risks, as shown in Figures 4 and 5.

In Figure 4, the gray shaded area represents EPA's acceptable risk range. In Figure 5, the horizontal line represents EPA's noncancer benchmark of one.

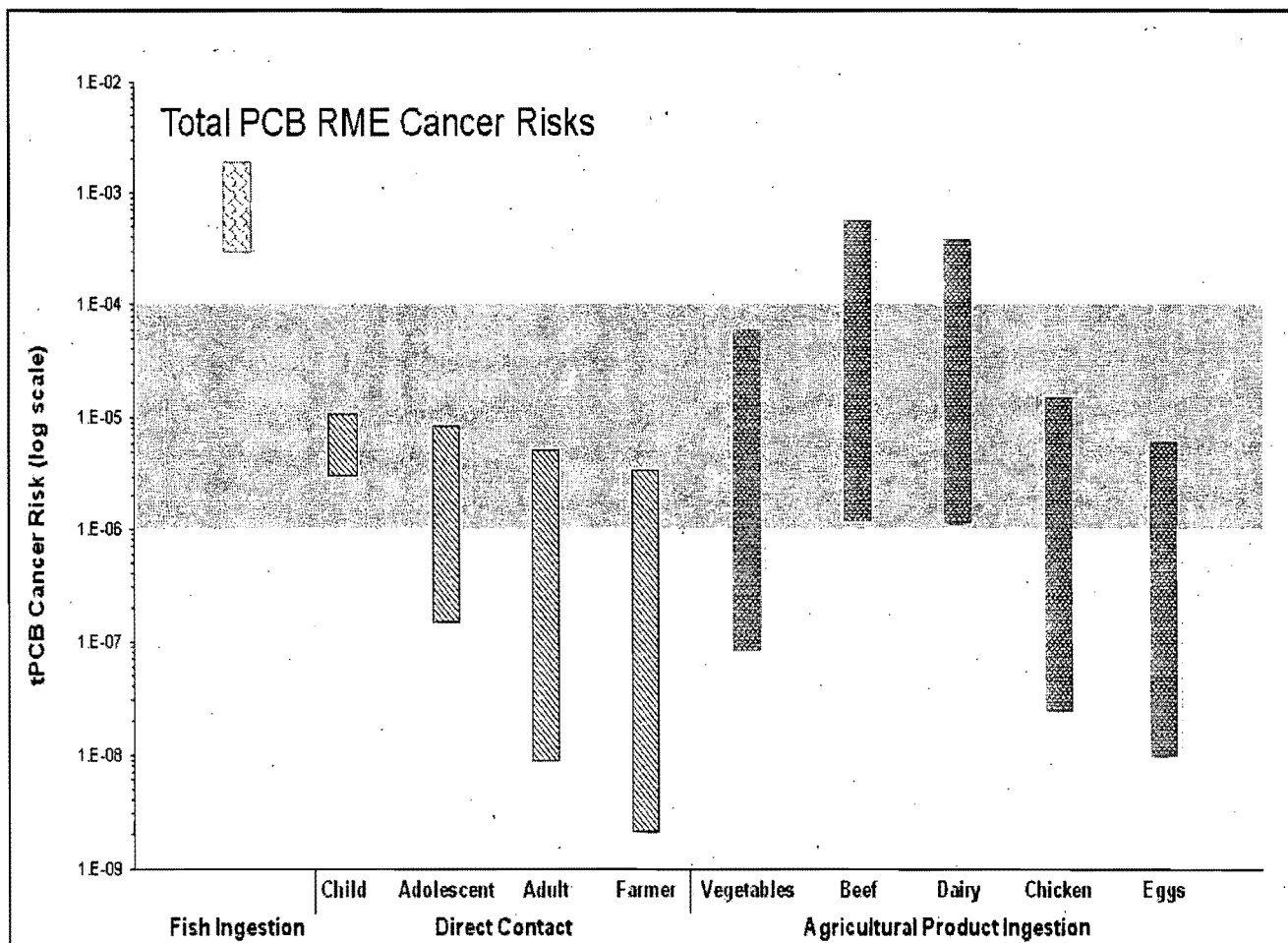


Figure 4 – Total PCB Reasonable Maximum Exposure Cancer Risks

The gray shaded area represents EPA's acceptable risk range.

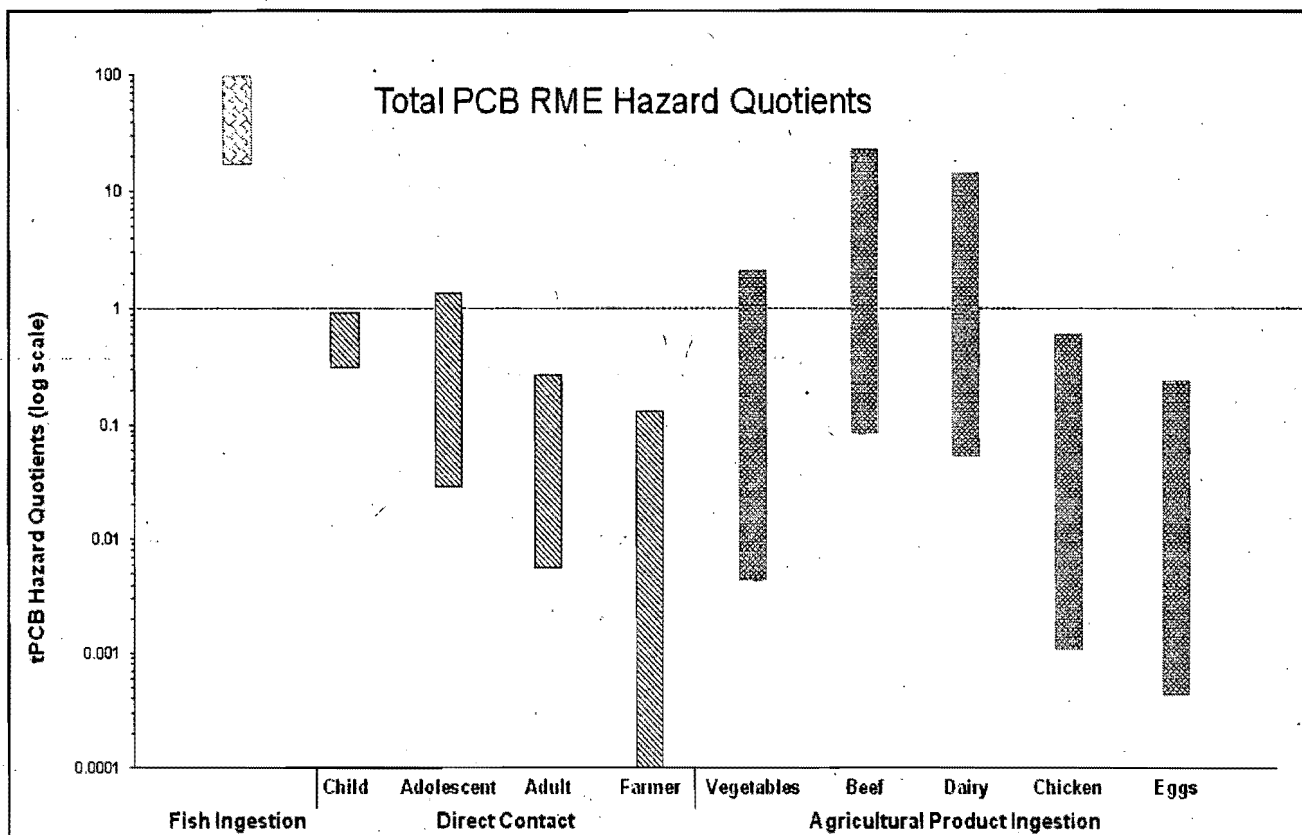


Figure 5 – Total PCB Reasonable Maximum Exposure Hazard Quotients

The horizontal line represents EPA's noncancer benchmark of one.

Glossary

95% Upper Confidence Level (95 % UCL): The 95% upper confidence level of the mean is a conservative estimate of the average chemical concentration in an environmental medium.

Administrative Record: Documents and data used in selecting cleanup remedies at National Priority List (NPL) sites. The record is placed in the **information repository** to allow public access.

Contaminant of Potential Concern (COPC): A substance detected at a hazardous waste site that has the potential to affect receptors adversely due to its concentration, distribution, and mode of toxicity.

Exposure Parameter: Estimates for how often people contact contamination in the environment, for how long (number of years) people continue this contact, and how much chemical is taken into the body at each contact.

Exposure Pathway or Exposure Route: The pathway or route a contaminant may take to reach humans or other living organisms.

Exposure Point Concentration: The amount (concentration) of a chemical at the absorptive surfaces of an organism.

Human Health Risk Assessment: A complex process by which scientists determine the harm that a substance, activity, lifestyle, or natural phenomenon can inflict on human health.

Reasonable Maximum Exposure (RME): The highest exposure that can be reasonably expected to occur for human or other living organisms at a site under current and potential future site uses.

Community Involvement Opportunity

The HHRA report is available for review at the information repositories identified below. A meeting to explain the information presented in this Fact Sheet or the document will be held on ***January 28th at the Oxford Civic Center beginning at 6:30 pm.***

For More Information

For more information about the meeting, ongoing investigations, or any other aspects of the Anniston PCB Site, please contact:

Pam Scully
Remedial Project Manager
USEPA
61 Forsyth Street, SW
Atlanta, GA 30303
Phone: (404) 562-8935
Fax: (404) 562-8896
E-mail: scully.pam@epa.gov

Information Repository

A file containing current information, technical reports, and reference documents on the Site cleanup, is available at the information repositories. The information repository is usually located in a public building that is convenient for local residents, such as a library, city hall or public school. For the Anniston PCB Site, the two information repositories are located at the **Public Library of Anniston-Calhoun County:**

Carver Branch
722 West 14th Street
Anniston, Alabama

and

Main Branch
108 East 10th Street
Anniston, Alabama.

Community Outreach Information Meeting
OU4 Human Health Risk Assessment
January 28, 2014
Oxford Civic Center
6:30 pm

FACT SHEET

ANNISTON PCB SITE

Human Health Risk Assessment Report Operable Unit 4



U.S. Environmental Protection Agency
Region 4, Atlanta Federal Center
61 Forsyth Street, S.W.
Atlanta, Georgia 30303-8960

Attn: Pam Scully, SRB

Scully, Pam

From: ITrussell@aol.com
Sent: Tuesday, January 28, 2014 11:53 AM
To: twoods@avatarenviro.com
Cc: Scully, Pam
Subject: Re: OU-4 Factsheet - Human Health Risk Assessment

Follow Up Flag: Follow up
Flag Status: Completed

Tim,

It was nice to meet you, also. Thank you and Pam for the Fact Sheet.

Isabella

In a message dated 1/28/2014 8:20:59 A.M. Central Standard Time, twoods@avatarenviro.com writes:

Isabella-

It was nice meeting and speaking with you at the CAG meeting. Per your request to Pam, attached is the Factsheet for the OU-4 Human Health Risk Assessment.

Stay warm.

Regards

Tim Woods

Avatar Environmental - A Service-Disabled Veteran Owned Small Business

107 South Church Street

West Chester, PA 19382

O: 610-692-8330 x14

M: 484-343-8721

Scully, Pam

From: ITrussell@aol.com
Sent: Wednesday, January 29, 2014 9:07 PM
To: Scully, Pam
Subject: OU4 HHRA meeting

Follow Up Flag: Follow up
Flag Status: Completed

Pam,

Will the canceled meeting be rescheduled? If so, please let me, or better yet, Cindy, know.

Thanks and hope you didn't get stranded by the snow. I suspect you did, in some fashion or other.

Isabella

Scully, Pam

From: Scully, Pam
Sent: Wednesday, January 29, 2014 9:31 PM
To: ITrussell@aol.com
Subject: Re: OU4 HHRA meeting

Follow Up Flag: Follow up
Flag Status: Completed

Isabella

I am still stranded in Oxford. Hopefully I will get home tomorrow. I will let you and Cindy know when we reschedule.
Pam

From: ITrussell@aol.com <ITrussell@aol.com>
Sent: Wednesday, January 29, 2014 9:06:48 PM
To: Scully, Pam
Subject: OU4 HHRA meeting

Pam,

Will the canceled meeting be rescheduled? If so, please let me, or better yet, Cindy, know.

Thanks and hope you didn't get stranded by the snow. I suspect you did, in some fashion or other.

Isabella

Scully, Pam

From: ITrussell@aol.com
Sent: Thursday, January 30, 2014 2:05 PM
To: Scully, Pam
Subject: Re: OU4 HHRA meeting

Follow Up Flag: Follow up
Flag Status: Completed

Pam,

Thanks and I hope you make it home safely.

Isabella

In a message dated 1/29/2014 8:30:57 P.M. Central Standard Time, scully.pam@epa.gov writes:

Isabella

I am still stranded in Oxford. Hopefully I will get home tomorrow. I will let you and Cindy know when we reschedule.

Pam

From: ITrussell@aol.com <ITrussell@aol.com>
Sent: Wednesday, January 29, 2014 9:06:48 PM
To: Scully, Pam
Subject: OU4 HHRA meeting

Pam,

Will the canceled meeting be rescheduled? If so, please let me, or better yet, Cindy, know.

Thanks and hope you didn't get stranded by the snow. I suspect you did, in some fashion or other.

Isabella

Scully, Pam

From: Koporec, Kevin
Sent: Friday, January 31, 2014 1:49 PM
To: ITrussell@aol.com
Cc: Scully, Pam; Walsh, Jim; Tim Woods
Subject: RE: OU-4 Factsheet - Human Health Risk Assessment

Follow Up Flag: Follow up
Flag Status: Completed

Isabella,

At the CAG meeting on 1/27, you asked us about the concentrations and health risk from contaminants in the water in Choccolocco Creek. Now that I am back in the office, I have had a chance to look up this information in the human health risk assessment.

For the human-surface-water exposure pathway, we performed a risk-based screening of the PCBs and other constituents that were detected in the water samples. This screening was based on recreational exposure as we would assume for individuals fishing/boating/wading in the creek. We assumed this exposure to occur 2 times per week, 52 weeks per year, for 30 years. This conservative screening showed the risks from these contaminants in surface water to be low- within our target cancer risk range, and also low relative to the estimated health risks from regularly eating the fish from the creek. The maximum measured concentrations of the constituents with the highest risks from this screening (PCBs, chromium) were also both below each of their EPA drinking water standards.

Based on this screening procedure, we did not quantitatively evaluate the direct contact with surface water pathway as we did for fish ingestion.

Feel free to contact me directly via phone (404-562-8644) or email (koporec.kevin@epa.gov) if you have any further questions on this or other aspects of the human health risk assessment. Pam Scully is working on rescheduling the risk assessment public meeting at the Oxford civic center that had to be canceled this week due to the weather, so we would be happy to discuss at that time any questions you may have as well.

Kevin Koporec
Superfund Support Branch
USEPA Region 4
404/562-8644

Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Monday, February 03, 2014 3:23 PM
To: Scully, Pam
Subject: consent decree

Follow Up Flag: Follow up
Flag Status: Completed

Pam
Is there any way possible that you could send me an electronic copy of the consent decree I went on the epa site but could not find the link or send me the link pls.
Thanks
Shirley

Scully, Pam

From: Scully, Pam
Sent: Monday, February 03, 2014 7:48 PM
To: Shirley Carter
Subject: Re: consent decree

Follow Up Flag: Follow up
Flag Status: Completed

Are you looking for the 2003 cd for the whole site investigation or the 2013 cd for ou3?

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Monday, February 03, 2014 3:22:38 PM
To: Scully, Pam
Subject: consent decree

Pam

Is there any way possible that you could send me an electronic copy of the consent decree I went on the epa site but could not find the link or send me the link pls.

Thanks
Shirley

Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Monday, February 03, 2014 10:14 PM
To: Scully, Pam
Subject: Re: consent decree

Follow Up Flag: Follow up
Flag Status: Completed

the whole site cd
thanks
shirley

On Monday, February 3, 2014 6:47 PM, "Scully, Pam" <scully.pam@epa.gov> wrote:
Are you looking for the 2003 cd for the whole site investigation or the 2013 cd for ou3?

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Monday, February 03, 2014 3:22:38 PM
To: Scully, Pam
Subject: consent decree

Pam
Is there any way possible that you could send me an electronic copy of the consent decree I went on
the epa site but could not find the link or send me the link pls.
Thanks
Shirley

Scully, Pam

From: Scully, Pam
Sent: Friday, February 14, 2014 11:23 AM
To: ITrussell@aol.com
Subject: RE: OU4 HHRA meeting

Follow Up Flag: Follow up
Flag Status: Completed

The meeting is being rescheduled for March 6 at 6 pm at the Oxford Civic Center. Hope to see you there.

From: ITrussell@aol.com [mailto:ITrussell@aol.com]
Sent: Wednesday, January 29, 2014 9:07 PM
To: Scully, Pam
Subject: OU4 HHRA meeting

Pam,

Will the canceled meeting be rescheduled? If so, please let me, or better yet, Cindy, know.

Thanks and hope you didn't get stranded by the snow. I suspect you did, in some fashion or other.

Isabella

Scully, Pam

From: ITrussell@aol.com
Sent: Sunday, February 16, 2014 10:31 AM
To: Scully, Pam
Cc: cag_cd@annistoncag.org
Subject: Re: OU4 HHRA meeting

Follow Up Flag: Follow up
Flag Status: Completed

Pam,

Thanks for the info. Have passed it along to those I think might be interested.

Isabella

In a message dated 2/14/2014 10:23:25 A.M. Central Standard Time, scully.pam@epa.gov writes:

The meeting is being rescheduled for March 6 at 6 pm at the Oxford Civic Center. Hope to see you there.

From: ITrussell@aol.com [mailto:ITrussell@aol.com]
Sent: Wednesday, January 29, 2014, 9:07 PM
To: Scully, Pam
Subject: OU4 HHRA meeting

Pam,

Will the canceled meeting be rescheduled? If so, please let me, or better yet, Cindy, know.

Thanks and hope you didn't get stranded by the snow. I suspect you did, in some fashion or other.

Isabella

Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Sunday, February 23, 2014 9:37 PM
To: Scully, Pam
Subject: Institutional control presentation

Follow Up Flag: Follow up
Flag Status: Completed

Pam
We have started our IC meetings and We would like for you or a rep from epa to give us a presentation on applicable IC's to the Anniston PCB site. We would like to understand exactly what type of IC's Solutia is responsible for, I guess the criteria that applies to the site. We would also like to know how EPA is monitoring the Interim IC's that Solutia is currently providing to the site. WE have two dates March 31 or April 7 would either of those days work for you, the time is what would be best for you.
Thanks

Shirley Carter,
Chair of IC Committee

Scully, Pam

From: Scully, Pam
Sent: Monday, February 24, 2014 7:06 AM
To: Shirley Carter
Subject: RE: Institutional control presentation

Follow Up Flag: Follow up
Flag Status: Completed

Shirley,

I wasn't aware of any IC meetings. What are we meeting about on March 6th? The site attorney has given the IC talks in the past, so I will need to tell him a little more about what you expect from the meetings. Can you give me any more information or do you want him to talk generically about ICs?

Pam

From: Shirley Carter [mailto:msabccarter@yahoo.com]
Sent: Sunday, February 23, 2014 9:37 PM
To: Scully, Pam
Subject: Institutional control presentation

Pam

We have started our IC meetings and We would like for you or a rep from epa to give us a presentation on applicable IC's to the Anniston PCB site. We would like to understand exactly what type of IC's Solutia is responsible for, I guess the criteria that applies to the site. We would also like to know how EPA is monitoring the Interim IC's that Solutia is currently providing to the site. WE have two dates March 31 or April 7 would either of those days work for you, the time is what would be best for you.

Thanks

Shirley Carter,
Chair of IC Committee

Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Monday, February 24, 2014 8:18 AM
To: Scully, Pam
Subject: Re: Institutional control presentation

Follow Up Flag: Follow up
Flag Status: Completed

The institutional control committee for the cag is starting to have meetings with different stakeholders so that we can get an understanding of exactly what IC's are and what would be best for Anniston. I am not sure what you are talking about on the 6 I asked Gail to do a presentation to the committee from Solutia. I was not aware she had asked you to come. I wanted to do this separately so we could get information from all parties involved. I plan on having several meetings throughout the year with all stakeholders involved in the site and different times then a combined meeting later in the year to discuss all the information gathered so just generically speaking about IC's would be good and basically to answer any question we may have. By the way do you know of an independent consultant we could ask about IC's. We are basically trying to get a clear understanding of IC's and then we will go from there. I would prefer it if you all EPA would do a separate meeting if possible. Don't want too many things thrown at us at one time.

Thanks

Shirley

Chair IC Committee

On Monday, February 24, 2014 6:05 AM, "Scully, Pam" <scully.pam@epa.gov> wrote:

Shirley,

I wasn't aware of any IC meetings. What are we meeting about on March 6th? The site attorney has given the IC talks in the past, so I will need to tell him a little more about what you expect from the meetings. Can you give me any more information or do you want him to talk generically about ICs?

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From: Shirley Carter [mailto:msabccarter@yahoo.com]
Sent: Sunday, February 23, 2014 9:37 PM
To: Scully, Pam
Subject: Institutional control presentation

Pam

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Thanks

Shirley Carter,
Chair of IC Committee

Scully, Pam

From: Scully, Pam
Sent: Monday, February 24, 2014 8:26 AM
To: Shirley Carter
Cc: Tanasijevich, Rudy
Subject: RE: Institutional control presentation

Follow Up Flag: Follow up
Flag Status: Completed

I will check with Rudy Tanasijevich about his availability. The Technical Advisor is supposed to be your resource to consult about ICs, Shirley. I am not aware of any other consultants you could contact. You might want to network with other CAGs or talk to Stephanie about it.

From: Shirley Carter [mailto:msabccarter@yahoo.com]
Sent: Monday, February 24, 2014 8:18 AM
To: Scully, Pam
Subject: Re: Institutional control presentation

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To: Scully, Pam
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Thanks

Shirley Carter,
Chair of IC Committee

Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Monday, February 24, 2014 8:29 AM
To: Scully, Pam
Subject: Re: Institutional control presentation

Follow Up Flag: Follow up
Flag Status: Completed

Ok thanks

On Monday, February 24, 2014 7:26 AM, "Scully, Pam" <scully.pam@epa.gov> wrote:
I will check with Rudy Tanasijevich about his availability. The Technical Advisor is supposed to be your resource to consult about ICs, Shirley. I am not aware of any other consultants you could contact. You might want to network with other CAGs or talk to Stephanie about it.

From: Shirley Carter [mailto:msabccarter@yahoo.com]
Sent: Monday, February 24, 2014 8:18 AM
To: Scully, Pam
Subject: Re: Institutional control presentation

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Shirley

Chair IC Committee

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Pam

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Sent: Sunday, February 23, 2014 9:37 PM
To: Scully, Pam
Subject: Institutional control presentation

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Thanks

Shirley Carter,
Chair of IC Committee

Scully, Pam

From: Scully, Pam
Sent: Monday, February 24, 2014 10:41 AM
To: Shirley Carter
Cc: Brown, Stephanie
Subject: RE: Institutional control presentation

Follow Up Flag: Follow up
Flag Status: Completed

Shirley,
Stephanie is out sick today, but I will talk to her about this when she returns to the office.
Pam

From: Shirley Carter [mailto:msabccarter@yahoo.com]
Sent: Monday, February 24, 2014 8:29 AM
To: Scully, Pam
Subject: Re: Institutional control presentation

Ok thanks

On Monday, February 24, 2014 7:26 AM, "Scully, Pam" <scully.pam@epa.gov> wrote:
I will check with Rudy Tanasijevich about his availability. The Technical Advisor is supposed to be your resource to consult about ICs, Shirley. I am not aware of any other consultants you could contact. You might want to network with other CAGs or talk to Stephanie about it.

From: Shirley Carter [mailto:msabccarter@yahoo.com]
Sent: Monday, February 24, 2014 8:18 AM
To: Scully, Pam
Subject: Re: Institutional control presentation

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Shirley

Chair IC Committee

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From: Shirley Carter [<mailto:msabccarter@yahoo.com>]

Sent: Sunday, February 23, 2014 9:37 PM

To: Scully, Pam

Subject: Institutional control presentation

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Thanks

Shirley Carter,
Chair of IC Committee

Scully, Pam

From: Community Advisory Group <cag_cd@annistoncag.org>
Sent: Monday, March 10, 2014 8:15 AM
To: CAG CD
Subject: CAG Community Meeting Proposed Agenda
Attachments: CAG_Agenda March 2014.doc

Follow Up Flag: Follow up
Flag Status: Completed

Good Morning,

CAG's proposed agenda is attached. I hope you all have a wonderful week.

Cindy

Cynthia Calix

*Administrator
Community Advisory Group For The Consent Decree
1812 Wilmer Avenue*

Suite B

Anniston, AL 36201

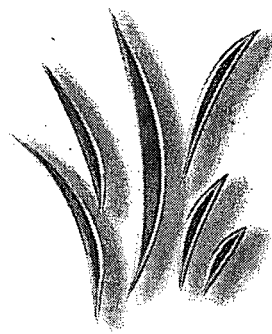
Voice: 256*741*1429

FAX: 256*741*3224

Website: www.annistoncag.org

Community Advisory Group (CAG) is an advisory group of citizens who exists to serve as a place for the exchange of information and input from the community in the affected area and advise those individuals and organizations charged with carrying out the actions described in the Consent Decree in an effective and well-managed manner.

This electronic mail message is intended exclusively for the individual or entity to which it is addressed. This message, together with any attachment, may contain Community Advisory Group For The Consent Decree privileged information. The recipient is hereby put on notice to treat the information as confidential and privileged and to not disclose or use the information except as authorized by Community Advisory Group. Any unauthorized review, printing, forwarding, retention, copying, disclosure, distribution, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this message in error, please immediately contact the sender by reply email and delete all copies of the material from any computer. Thank you for your cooperation.



Community Advisory Group for the Consent Decree

David Baker
Community Against Pollution
CAG-CD Chairman

Walter Frazier
Oxford Resident
CAG-CD Vice Chairman

Maudine Holloway
West Anniston Resident
CAG-CD Secretary

Kay Beard
West Anniston Resident
CAG-CD Treasurer

Dr. Barbara Boyd
West Anniston Resident

Shirley Carter
Mothers and Daughters Protecting
Children's Health

Elaine Emory
West Anniston Resident

Mary Johnson
Oxford Resident

Robert A. Pyles
Hobson City Resident

David Reddick
West Anniston Resident

Isabella Trussell
Logan Martin Lake Protection Assoc.

Frank Chitwood
Alternate

IN MEMORIAM
Andrew Bowie
West Anniston Resident
Dr. N. Q. Reynolds
James Hall

AGENDA

17 March 2014

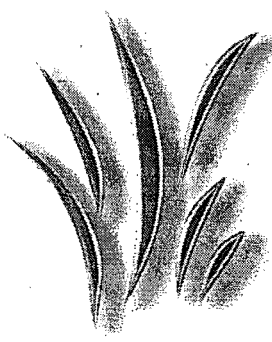
*Carver Community Center
720 West 14th Street
Anniston, AL 36201
5:30 P.M.*

1. **Call to Order**
2. **Invocation**
3. **Introduction of new Board Members**
4. **Approval of Today's Agenda and Minutes
from January Meeting**
5. **Financial Report
CAG 2014 Budget**
6. **Updates**
 - Institutional Controls Committee
 - EPA
 - Solutia
 - Technical Advisor
 - CAG Chairperson

7. Community Comments and Questions

**Next Meeting Date: May 19, 2014
Carver Community Center**

Adjourn



Community Advisory Group
for the Consent Decree

CAG-CD

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201

Tel: (256) 741-1429

Website: www.annistoncag.org

Scully, Pam

From: ITrussell@aol.com
Sent: Thursday, March 13, 2014 11:56 AM
To: Scully, Pam
Subject: 2012 complete 303(d) list

Follow Up Flag: Follow up
Flag Status: Completed

Pam,

Here is the web address for the complete 303(d) list for 2012. Choccolocco is included.

<http://www.adem.state.al.us/programs/water/wquality/2012AL303dList.pdf>

The draft 2014 303(d) is also on ADEM's web site.

Isabella

Scully, Pam

From: Scully, Pam
Sent: Friday, March 14, 2014 9:43 AM
To: ITrussell@aol.com
Subject: RE: 2012 complete 303(d) list

Follow Up Flag: Follow up
Flag Status: Completed

Isabella,
Thanks. I was more concerned about the Depart of Health Fish Advisory page for 2013. I will let you know what I find out. <http://www.adph.org/tox/index.asp?ID=1360>
Pam

From: ITrussell@aol.com [mailto:ITrussell@aol.com]
Sent: Thursday, March 13, 2014 11:56 AM
To: Scully, Pam
Subject: 2012 complete 303(d) list

Pam,

Here is the web address for the complete 303(d) list for 2012. Choccolocco is included.

<http://www.adem.state.al.us/programs/water/wquality/2012AL303dList.pdf>

The draft 2014 303(d) is also on ADEM's web site.

Isabella

Scully, Pam

From: ITrussell@aol.com
Sent: Friday, March 14, 2014 4:33 PM
To: Scully, Pam
Subject: Re: 2012 complete 303(d) list

Follow Up Flag: Follow up
Flag Status: Completed

I see what you mean. I submitted an email to ADPH to request they include all waters with fish advisories for 2014 and even better, update the 2013 list to include all advisories, mentioning that one assumes if no advisory is listed, then any prior year advisory had been lifted. We'll see what happens.

Isabella

In a message dated 3/14/2014 8:43:08 A.M. Central Daylight Time, scully.pam@epa.gov writes:

| <http://www.adph.org/tox/index.asp?ID=1360>

Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Friday, March 28, 2014 6:52 AM
To: carterbill111; tesmith; kmason; jsu5380m; msabccarter; cwalls; Effie; neil_carman@greenbuilder.com; brianleeholtzclaw; Felicia Bailey; JRHamilton; WAHAHR; WAHAR; Gratkelvin; brookfirmstores009; mshepherd; brookfirmstores009; WET1; WETI; Scully, Pam
Subject: Shirley Carter
Follow Up Flag: Follow up
Flag Status: Completed

Breaking news: <http://yetkilikombiservis.net/do/gc-news.php>

Shirley Carter

Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Friday, March 28, 2014 6:51 AM
To: rlemon; fsh8; WAHASurveys; djones; sdukes; felicia4me2; kallen acef; Scully, Pam; citizenship; guyton acef; fstewart; LEBBIE JOHNSON; WestAtHome; tcrawford; mwade; JANDACRJ; Leonel; gmacolly; home based jobs; Lakesha Chappell
Subject: Shirley Carter
Follow Up Flag: Follow up
Flag Status: Completed

Breaking news: <http://s.wp-zhidao.com/tqrw/gc-news.php>

Shirley Carter

Scully, Pam

From: Community Advisory Group <cag_cd@annistoncag.org>
Sent: Thursday, May 01, 2014 2:25 PM
To: CAG CD
Subject: CAG Agenda May Meeting
Attachments: CAG Agenda May 2014.doc

Follow Up Flag: Follow up
Flag Status: Completed

Good Afternoon,

Proposed Agenda for our May meeting is attached.

Thanks, Cindy

Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
1812 Wilmer Avenue
Suite B
Anniston, AL 36201
Voice: 256*741*1429
FAX: 256*741*3224
Website: www.annistoncag.org

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Mary Johnson

Robert A. Pyles

David Reddick

David Sumrall

Isabella Trussell

IN MEMORIAM
Andrew Bowie
West Anniston Resident
Dr. N. Q. Reynolds
James Hall

AGENDA

19 May 2014

Carver Community Center

720 West 14th Street

Anniston, AL 36201

5:30 P.M.

- 1. Call to Order**
- 2. Invocation**
- 3. Approval of Today's Agenda and Minutes
from March Meeting**
- 4. Financial Report**
- 5. Updates**
 - ☐ Institutional Controls Committee
 - ☐ EPA
 - ☐ Solutia
 - ☐ Technical Advisor
 - ☐ CAG Chairperson
- 6. Community Comments and Questions**

Next Meeting: July 21, 2014

2801 Stemley Bridge Road

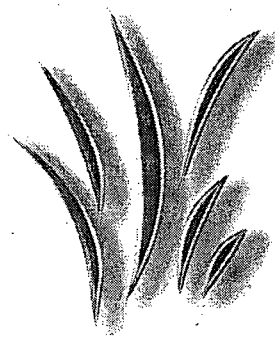
Pell City, Alabama

Adjourn

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201

Tel: (256) 741-1429

Website: www.annistoncag.org



Community Advisory Group

for the Consent Decree

CAG-CD

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201
Tel: (256) 741-1429
Website: www.annistoncag.org

Scully, Pam

From: Community Advisory Group <cag_cd@annistoncag.org>
Sent: Monday, July 07, 2014 7:11 AM
To: CAG CD
Subject: CAG Proposed Agenda
Attachments: CAG Agenda July 2014.doc

Follow Up Flag: Follow up
Flag Status: Completed

Good Morning,

Agenda is attached.

Thanks

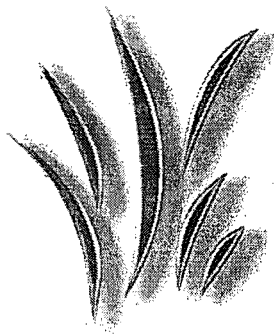
Cynthia Calix

*Administrator
Community Advisory Group For The Consent Decree
1812 Wilmer Avenue
Suite B
Anniston, AL 36201
Voice: 256*741*1429
FAX: 256*741*3224
Website: www.annistoncag.org*

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AGENDA

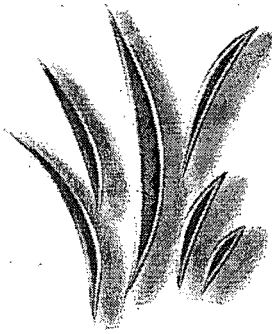
July 21, 2014

*Pell City Civic Center
2801 Stemley Bridge Road
Pell City, Alabama
5:30 P.M.*

1. **Call to Order**
2. **Invocation**
3. **Approval of Today's Agenda and Minutes
from May Meeting**
4. **Financial Report**
5. **Updates**
 - Institutional Controls Committee
 - EPA
 - Solutia
 - Technical Advisor
 - CAG Chairperson
6. **Community Comments and Questions**

Next Meeting: September 15, 2014

Adjourn



Community Advisory Group for the Consent Decree

CAGCD

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201
Tel: (256) 741-1429
Website: www.annistoncag.org

Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Tuesday, August 05, 2014 8:40 AM
To: Scully, Pam
Subject: demolition list

Follow Up Flag: Follow up
Flag Status: Completed

Pam

Please send me the list of the 100 properties that are scheduled for demolition with the responsible parties that you said you could do at the last cag meeting. Thanking you in advance.
Shirley

Scully, Pam

From: Scully, Pam
Sent: Tuesday, August 05, 2014 9:52 AM
To: Shirley Carter
Subject: RE: demolition list

Follow Up Flag: Follow up
Flag Status: Completed

Shirley,
I am trying to get the list together and will send to you as soon as possible.
Pam

From: Shirley Carter [mailto:msabccarter@yahoo.com]
Sent: Tuesday, August 05, 2014 8:40 AM
To: Scully, Pam
Subject: demolition list

Pam
Please send me the list of the 100 properties that are scheduled for demolition with the responsible parties that you said you could do at the last cag meeting. Thanking you in advance.
Shirley

Scully, Pam

From: Mike Price <mprice@genproject.com>
Sent: Thursday, August 14, 2014 11:59 AM
To: Scully, Pam
Subject: RE: demolition list

Follow Up Flag: Follow up
Flag Status: Completed

Pam,

Just to close the loop on this, I believe what Gayle sent to Shirley yesterday, which you were copied on, satisfies this request. Let me know if you are in agreement, or if you think I need to provide additional information.

Thanks,
Mike

Michael C. Price
Genesis Project, Inc.
1258 Concord Road
Smyrna, GA 30080
(770) 319-7217
www.genproject.com

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From: Scully, Pam. [mailto:scully.pam@epa.gov]
Sent: Tuesday, August 05, 2014 8:41 AM
To: Mike Price
Subject: FW: demolition list

Mike can you send me the list Shirley is talking about so that I don't get something different?

From: Shirley Carter [mailto:msabccarter@yahoo.com]
Sent: Tuesday, August 05, 2014 8:40 AM
To: Scully, Pam
Subject: demolition list

Pam

Please send me the list of the 100 properties that are scheduled for demolition with the responsible parties that you said you could do at the last cag meeting. Thanking you in advance.

Shirley

Scully, Pam

From: Shirley Carter <msabccarter@yahoo.com>
Sent: Saturday, August 23, 2014 11:27 AM
To: Scully, Pam
Subject: list of demo properties

Follow Up Flag: Follow up
Flag Status: Completed

Pam
Have you got the list together yet? How much more time do you need if you don't have it yet?
Thanks
Shirley

Scully, Pam

From: Scully, Pam
Sent: Saturday, August 23, 2014 12:47 PM
To: Shirley Carter
Subject: RE: list of demo properties

Follow Up Flag: Follow up
Flag Status: Completed

Shirley,

I have a list but haven't had time to check against the database for lead which is the information you need Shirley. I will try to get to it by Tuesday or Wednesday next week.

Pam

Sent from my Windows Phone

From: Shirley Carter
Sent: 8/23/2014 11:27 AM
To: Scully, Pam
Subject: list of demo properties

Pam

Have you got the list together yet? How much more time do you need if you don't have it yet?

Thanks

Shirley

Scully, Pam

From: Community Advisory Group <cag_cd@annistoncag.org>
Sent: Thursday, August 28, 2014 9:53 AM
To: CAG CD
Subject: CAG September Meeting Agenda
Attachments: CAG Agenda September 2014.doc

Follow Up Flag: Follow up
Flag Status: Completed

Good Morning,

Our September meeting agenda is attached.

Thanks

Cynthia Calix

Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429

FAX: 256*741*3224

Website: www.annistoncag.org

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IN MEMORIAM
Andrew Bowie
West Anniston Resident
Dr. N. Q. Reynolds
James Hall

AGENDA

*September 15, 2014
Carver Community Center
720 West 14th Street
Anniston, Alabama
5:30 P.M.*

1. **Call to Order**
2. **Invocation**
3. **Approval of Today's Agenda and Minutes
from July Meeting**
4. **Financial Report**
5. **Updates**
 - Institutional Controls Committee
 - EPA
 - Solutia
 - Technical Advisor
 - CAG Chairperson

6. Community Comments and Questions

**Next Meeting: November 17, 2014
Carver Community Center, Anniston, AL**

Adjourn



Community Advisory Group
for the Consent Decree

DRAFT

Scully, Pam

From: Scully, Pam
Sent: Thursday, August 28, 2014 9:54 AM
To: Tanasijevich, Rudy; Blair, Carl; Atashi, Neema
Subject: FW: CAG September Meeting Agenda
Attachments: CAG Agenda September 2014.doc

Follow Up Flag: Follow up
Flag Status: Completed

From: Community Advisory Group [mailto:cag_cd@annistoncag.org]
Sent: Thursday, August 28, 2014 9:53 AM
To: CAG CD
Subject: CAG September Meeting Agenda

Good Morning,

Our September meeting agenda is attached.

Thanks

Cynthia Calix

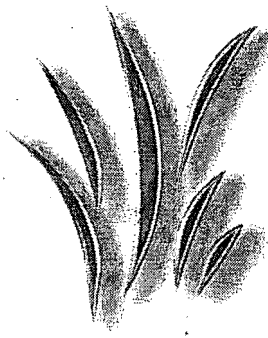
Administrator
Community Advisory Group For The Consent Decree
1812 Wilmer Avenue
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Anniston, AL 36201
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FAX: 256*741*3224

Website: www.annistoncaq.org

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AGENDA

September 15, 2014
Carver Community Center
720 West 14th Street
Anniston, Alabama
5:30 P.M.

1. **Call to Order**
2. **Invocation**
3. **Approval of Today's Agenda and Minutes
from July Meeting**

4. **Financial Report**

5. **Updates**

- ☒ Institutional Controls Committee
- ☒ EPA
- ☒ Solutia
- ☒ Technical Advisor
- ☒ CAG Chairperson

6. **Community Comments and Questions**

Next Meeting: **November 17, 2014**
Carver Community Center, Anniston, AL

Adjourn

Scully, Pam

From: Scully, Pam
Sent: Thursday, August 28, 2014 9:54 AM
To: Tanasijevich, Rudy; Blair, Carl; Atashi, Neema
Subject: FW: CAG September Meeting Agenda
Attachments: CAG Agenda September 2014.doc

Follow Up Flag: Follow up
Flag Status: Completed

From: Community Advisory Group [mailto:cag_cd@annistoncag.org]
Sent: Thursday, August 28, 2014 9:53 AM
To: CAG CD
Subject: CAG September Meeting Agenda

Good Morning,

Our September meeting agenda is attached.

Thanks

--

Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
1812 Wilmer Avenue
Suite B
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Voice: 256*741*1429

FAX: 256*741*3224

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AGENDA

*September 15, 2014
Carver Community Center
720 West 14th Street
Anniston, Alabama
5:30 P.M.*

1. Call to Order
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3. Approval of Today's Agenda and Minutes
from July Meeting
4. Financial Report
5. Updates
 - Institutional Controls Committee
 - EPA
 - Solutia
 - Technical Advisor
 - CAG Chairperson
6. Community Comments and Questions

Next Meeting: **November 17, 2014**
Carver Community Center, Anniston, AL

Adjourn

Scully, Pam

From: Scully, Pam
Sent: Thursday, August 28, 2014 4:31 PM
To: Community Advisory Group
Cc: Macolly, Gayle
Subject: September 20th Meeting

Follow Up Flag: Follow up
Flag Status: Completed

Cindy,

At the last background meeting we had for the CAG when it first formed, Solutia ordered pizzas and salad from Mata's on 17th street for lunch. Gayle said that Solutia would pay if she got a request from the CAG for something like that. Can you follow up with her? I can pick up some doughnuts for the morning. Do you know how many people will be there?
Pam

Scully, Pam

From: Community Advisory Group <cag_cd@annistoncag.org>
Sent: Tuesday, September 02, 2014 8:56 AM
To: Scully, Pam
Subject: Re: September 20th Meeting

Follow Up Flag: Follow up
Flag Status: Completed

Good Morning,

I'm not sure, at the moment. Maybe by the 15th I will have a better idea.

Have a great week!

On Thu, Aug 28, 2014 at 3:31 PM, Scully, Pam <scully.pam@epa.gov> wrote:

Cindy,

At the last background meeting we had for the CAG when it first formed, Solutia ordered pizzas and salad from Mata's on 17th street for lunch. Gayle said that Solutia would pay if she got a request from the CAG for something like that. Can you follow up with her? I can pick up some doughnuts for the morning. Do you know how many people will be there?

Pam

Cynthia Calix

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Scully, Pam

From: Community Advisory Group <cag_cd@annistoncag.org>
Sent: Tuesday, September 02, 2014 3:24 PM
To: Macolly, Gayle
Cc: Scully, Pam.
Subject: Re:[I] September 20th Meeting

Follow Up Flag: Follow up
Flag Status: Completed

Thanks, I will have a more accurate number of members attending by the 15th or 16th.

Thanks, Cindy

On Tue, Sep 2, 2014 at 1:31 PM, Macolly, Gayle <egmaco@eastman.com> wrote:

Hi Cindy,

I got your voicemail Friday evening. I could not make out everything you said in the message because the connection wasn't the best. I will arrange to have pizza and drinks for lunch. Please let me know how many CAG members there will be so I can make sure I get enough.

Thank you,

Gayle

From: Scully, Pam [<mailto:scully.pam@epa.gov>]
Sent: Thursday, August 28, 2014 3:31 PM
To: Community Advisory Group
Cc: Macolly, Gayle
Subject: [I] September 20th Meeting

Cindy,

At the last background meeting we had for the CAG when it first formed, Solutia ordered pizzas and salad from Mata's on 17th street for lunch. Gayle said that Solutia would pay if she got a request from the CAG for something like that. Can you follow up with her? I can pick up some doughnuts for the morning. Do you know how many people will be there?

Pam

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Scully, Pam

From: Scully, Pam
Sent: Tuesday, September 09, 2014 10:32 AM
To: Tanasijevich, Rudy
Subject: RE: CAG September Meeting Agenda

Follow Up Flag: Follow up
Flag Status: Completed

Shirley and Walt

From: Tanasijevich, Rudy
Sent: Tuesday, September 09, 2014 10:31 AM
To: Scully, Pam
Subject: RE: CAG September Meeting Agenda

What is the IC committee that is on the CAG agenda?

From: Scully, Pam
Sent: Thursday, August 28, 2014 9:54 AM
To: Tanasijevich, Rudy; Blair, Carl; Atashi, Neema
Subject: FW: CAG September Meeting Agenda

From: Community Advisory Group [mailto:cag_cd@annistoncag.org]
Sent: Thursday, August 28, 2014 9:53 AM
To: CAG CD
Subject: CAG September Meeting Agenda

Good Morning,

Our September meeting agenda is attached.

Thanks

Cynthia Calix

Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

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Scully, Pam

From: Scully, Pam
Sent: Tuesday, September 09, 2014 10:32 AM
To: Tanasijevich, Rudy
Subject: RE: CAG September Meeting Agenda

Follow Up Flag: Follow up
Flag Status: Completed

Shirley and Walt

From: Tanasijevich, Rudy
Sent: Tuesday, September 09, 2014 10:31 AM
To: Scully, Pam
Subject: RE: CAG September Meeting Agenda

What is the IC committee that is on the CAG agenda?

From: Scully, Pam
Sent: Thursday, August 28, 2014 9:54 AM
To: Tanasijevich, Rudy; Blair, Carl; Atashi, Neema
Subject: FW: CAG September Meeting Agenda

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Scully, Pam

From: Tanasijevich, Rudy
Sent: Tuesday, September 09, 2014 10:31 AM
To: Scully, Pam
Subject: RE: CAG September Meeting Agenda

Follow Up Flag: Follow up
Flag Status: Completed

What is the IC committee that is on the CAG agenda?

From: Scully, Pam
Sent: Thursday, August 28, 2014 9:54 AM
To: Tanasijevich, Rudy; Blair, Carl; Atashi, Neema
Subject: FW: CAG September Meeting Agenda

From: Community Advisory Group [mailto:cag_cd@annistoncag.org]
Sent: Thursday, August 28, 2014 9:53 AM
To: CAG CD
Subject: CAG September Meeting Agenda

Good Morning,

Our September meeting agenda is attached.

Thanks

Cynthia Calix

Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429

FAX: 256*741*3224

Website: www.annistoncag.org

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Scully, Pam

From: Scully, Pam
Sent: Friday, September 12, 2014 8:56 AM
To: Shirley Carter
Cc: Williamson, Carter; Atashi, Neema
Subject: RE: list of demo properties
Attachments: Summary of Demolitions.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Shirley,

The list of demolition properties is attached. To the right are two columns that provide the status of the properties (sampled, not sampled, removal complete) and classification (whether it exceeded cleanup goals for lead, PCBs, both lead and PCBs, or neither lead or PCBs). There are a couple of properties that are not in our database that will take more time to classify. I would be happy to discuss this more with you next week at the CAG meeting.

Pam

From: Shirley Carter [mailto:msabccarter@yahoo.com]
Sent: Saturday, August 23, 2014 11:27 AM
To: Scully, Pam
Subject: list of demo properties

Pam

Have you got the list together yet? How much more time do you need if you don't have it yet?

Thanks

Shirley

| PPIN | EPA Study Area | Parcel Address | Municipality | Comments | Classification | Status |
|-------|----------------|----------------------------|--------------|---|------------------|--------|
| 1270 | A | 1625 Mulberry Ave | Anniston | No Further Action | Sampled | none |
| 1777 | C | 1002 Front St | Anniston | No Further Action | Removal Complete | Lead |
| 2663 | A | 2020 Cooper Ave | Anniston | No Further Action | Sampled | none |
| 17422 | B | 207 B St | Anniston | No Further Action | Not Sampled | |
| 17499 | B | 203 Christine Ave | Anniston | No Further Action | Removal Complete | Lead |
| 18135 | C | 224 Front St | Anniston | No Further Action | Sampled | none |
| 18293 | C | 409 Chestnut Ave | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | Both |
| 18478 | C | 721 Zinn Pkwy Dr | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |
| 18495 | C | 716 Brockman St | Anniston | No Further Action | Sampled | none |
| 18616 | C | 703 Pine Ave | Anniston | Additional Demo Area Removal Scheduled for 2014 | Removal Complete | PCBs |
| 18621 | C | 609 Mulberry Ave | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |
| 18626 | C | 626 Mulberry Ave | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |
| 18627 | C | 512/614 Mulberry Ave | Anniston | No Further Action | Removal Complete | Both |
| 18630 | C | 705 Brockman Ave | Anniston | No Further Action | Sampled | none |
| 18677 | C | 920 W 10 th St | Anniston | No Further Action | Not Sampled | |
| 18678 | C | 920 W 10th St | Anniston | No Further Action | Not Sampled | |
| 18720 | C | 529 Glen Addie Ave | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | PCBs |
| 18819 | C | 1406 Mulberry Ave | Anniston | No Further Action | Sampled | none |
| 18924 | C | 1117 Rainwater Ave | Anniston | No Further Action | Sampled | none |
| 18968 | C | 1319 Mulberry Ave | Anniston | No Further Action | Sampled | none |
| 18972 | C | 1308 Mulberry Ave | Anniston | No Further Action | Sampled | none |
| 19054 | A | 527 W 16 th St | Anniston | No Further Action | Removal Complete | Lead |
| 19136 | C | 912 W 12th St | Anniston | No Further Action | Sampled | none |
| 19179 | A | 1613 Murray Ave | Anniston | No Further Action | Removal Complete | Both |
| 19227 | A | 112 W 16th St | Anniston | No Further Action | Sampled | none |
| 19289 | C | 1223 W 14th St | Anniston | No Further Action | Removal Complete | Lead |
| 19290 | C | 1221 W 14th St | Anniston | No Further Action | Sampled | none |
| 19331 | B | 1504 Stephens Ave | Anniston | No Further Action | Not Sampled | |
| 19336 | B | 1219 W 16 th St | Anniston | No Further Action | Sampled | none |
| 19341 | B | 1229 W 16th St | Anniston | No Further Action | Sampled | none |
| 19371 | C | 1018 Claxton Ave | Anniston | No Further Action | Sampled | none |
| 19398 | C | 1014 W 15th St | Anniston | No Further Action | Sampled | none |
| 19477 | A | 1515 McDaniel Ave | Anniston | No Further Action | Sampled | none |
| 19683 | B | 1109 West 19th St | Anniston | No Further Action | Not Sampled | |
| 19707 | B | 2213 McDaniel Ave | Anniston | No Further Action | Sampled | none |
| 19792 | A | 1631 Murray Ave | Anniston | No Further Action | Sampled | none |
| 19802 | A | 1630 Pine Ave | Anniston | No Further Action | Sampled | none |
| 19910 | A | 1821 Dooley Ave | Anniston | No Further Action | Sampled | none |
| 19912 | A | 1819 Dooley Ave | Anniston | No Further Action | Sampled | none |
| 19914 | A | 1813 Dooley Ave | Anniston | No Further Action | Sampled | none |
| 20019 | B | 1717 Dooley Ave | Anniston | No Further Action | Removal Complete | Both |

| PPIN | EPA Study Area | Parcel Address | Municipality | Comments | Classification | Status |
|-------|----------------|----------------------------------|--------------|-------------------|------------------|-----------|
| 20026 | A | 1808 Mulberry Ave | Anniston | No Further Action | Sampled | none |
| 20203 | A | 1700 Moore Ave | Anniston | No Further Action | Removal Complete | Lead |
| 20295 | A | 207 W 19th St | Anniston | No Further Action | Sampled | none |
| 20296 | A | 201 W 19th St | Anniston | No Further Action | Sampled | none |
| 20337 | A | 1802 Walnut Ave | Anniston | No Further Action | Removal Complete | Lead |
| 20347 | A | McCoy Ave & W 17th | Anniston | No Further Action | Not Sampled | |
| 20459 | A | 2009 McKleroy Ave | Anniston | No Further Action | Removal Complete | Lead |
| 20517 | A | 405 W 19th St | Anniston | No Further Action | Removal Complete | Lead |
| 21245 | B | 407 E 21st St | Anniston | No Further Action | Sampled | none |
| 21962 | | 1 Belmont Rd | Anniston | No Further Action | | Pell City |
| 24962 | B | 2329 Noble St | Anniston | No Further Action | Not Sampled | |
| 24981 | B | 2409 Noble St | Anniston | No Further Action | Not Sampled | |
| 25084 | B | 2815 Wilmer Ave | Anniston | No Further Action | Sampled | none |
| 25224 | B | 2206 Noble St | Anniston | No Further Action | Not Sampled | |
| 25235 | B | 2300 Gurnee Ave | Anniston | No Further Action | Not Sampled | |
| 25236 | B | 2304 Gurnee Ave | Anniston | No Further Action | Sampled | none |
| 25282 | B | 2825 Noble St | Anniston | No Further Action | Not Sampled | |
| 25339 | A | 419 West 23 rd Street | Anniston | No Further Action | Not Sampled | |
| 25387 | A | 513 W 27th St | Anniston | No Further Action | Sampled | none |
| 25388 | A | 2700 McCoy Ave | Anniston | No Further Action | Sampled | none |
| 25401 | A | 2721 Norwood Ave | Anniston | No Further Action | Sampled | none |
| 25425 | B | 2209 Gurnee Ave | Anniston | No Further Action | Removal Complete | Lead |
| 25433 | B | 2429 Gurnee Ave | Anniston | No Further Action | Sampled | none |
| 25436 | A | 2210 McKleroy Ave | Anniston | No Further Action | Sampled | none |
| 25511 | A | 2215 McCoy Ave | Anniston | No Further Action | Sampled | none |
| 25576 | A | 1013 Summit St | Anniston | No Further Action | Sampled | none |
| 25589 | A | 2526 Church St | Anniston | No Further Action | Sampled | none |
| 25607 | A | 2433 McCoy Ave | Anniston | No Further Action | Sampled | none |
| 25619 | B | 2401 Moore Ave | Anniston | No Further Action | Sampled | none |
| 25709 | B | 8 McArthur Dr | Anniston | No Further Action | Sampled | none |
| 25934 | B | 2808 Noble St | Anniston | No Further Action | Not Sampled | |
| 25952 | A | 2214 Dooley Ave | Anniston | No Further Action | Sampled | none |
| 25996 | B | 2832 Walnut Ave | Anniston | No Further Action | Sampled | none |
| 26129 | B | 2900 Gurnee Ave | Anniston | No Further Action | Not Sampled | |
| 26192 | B | 2823 Walnut Ave | Anniston | No Further Action | Sampled | none |
| 26220 | B | 115 W 30th St | Anniston | No Further Action | Sampled | none |
| 26229 | B | 3026 Gurnee Ave | Anniston | No Further Action | Sampled | none |
| 26269 | B | 3103 Moore Ave | Anniston | No Further Action | Sampled | none |
| 29101 | C | 202 Wilmer Ave | Anniston | No Further Action | Sampled | none |
| 30252 | A | 1716 Parkwin Ave | Anniston | No Further Action | Sampled | none |
| 30406 | A | 1709 Parkwin Ave | Anniston | No Further Action | Removal Complete | Lead |

| PPIN | EPA Study Area | Parcel Address | Municipality | Comments | Classification | Status |
|-------|----------------|--------------------|--------------|--|------------------|--------|
| 30535 | A | 1516 McDaniel Av | Anniston | Scheduled for Demolition. Additional sampling will be completed once structure is removed. | Removal Complete | PCBs |
| 30589 | C | 1325 Bancroft Ave | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |
| 30645 | C | 08 & 1312 Bancroft | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | Both |
| 30652 | A | 1832 W 15th 1/2 St | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |
| 30675 | A | 1808 W 15th St | Anniston | No Further Action | Sampled | none |
| 30695 | A | 1608 Parkwin Ave | Anniston | No Further Action | Sampled | none |
| 30720 | C | 1314 W 15th St | Anniston | No Further Action | Sampled | none |
| 30721 | C | 1316 W 15th St | Anniston | No Further Action | Removal Complete | Lead |
| 30775 | C | 1721 W 12th St | Anniston | No Further Action | Removal Complete | Lead |
| 30804 | C | 1717 W 13th St | Anniston | No Further Action | Removal Complete | Lead |
| 30805 | C | 1719 W 13th St | Anniston | No Further Action | Removal Complete | Lead |
| 30814 | C | 1218 Crawford Ave | Anniston | No Further Action | Removal Complete | Lead |
| 32070 | C | 1020 Ferron Ave | Anniston | No Further Action | Removal Complete | Lead |
| 60871 | A | 2221 Cobb Ave | Anniston | No Further Action | Sampled | none |
| 60873 | A | 2215 Cobb Ave | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |
| 61128 | B | 113 & 115 W 22nd | Anniston | No Further Action | Removal Complete | Lead |
| 61211 | B | 117 & 119 W 22nd | Anniston | No Further Action | Sampled | none |
| 61214 | B | 204/2206 Gurnee A | Anniston | No Further Action | Sampled | none |
| 61489 | B | 2309 Noble St | Anniston | No Further Action | Sampled | none |
| 61491 | B | 2306 Wilmer Ave | Anniston | No Further Action | Not Sampled | |
| 61505 | A | 2430 McCoy Ave | Anniston | No Further Action | Sampled | none |
| 61604 | B | 2412 Gurnee Ave | Anniston | No Further Action | Removal Complete | Lead |
| 62086 | A | 2000 Cooper Ave | Anniston | No Further Action | Sampled | none |
| 62119 | A | 30 W 19th St | Anniston | No Further Action | Removal Complete | Lead |
| 62133 | A | 1828 Mulberry Ave | Anniston | No Further Action | Sampled | none |
| 62134 | A | 1822 Mulberry Ave | Anniston | No Further Action | Not Sampled | |
| 62146 | | 1408 McCall Dr | Anniston | No Further Action | | |
| 62478 | A | 1629 Murray Ave | Anniston | No Further Action | Removal Complete | Lead |
| 62479 | A | 1617 Murray Ave | Anniston | No Further Action | Not Sampled | |
| 62822 | C | 609 Zinn Pkwy Dr | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | PCBs |
| 62928 | B | 9 S Walnut | Anniston | No Further Action | Removal Complete | PCBs |
| 62970 | B | 1002 W 17th St | Anniston | No Further Action | Not Sampled | |
| 63176 | B | 208 Leighton Ave | Anniston | No Further Action | Not Sampled | |
| 63539 | B | 28 S Christine Ave | Anniston | No Further Action | Removal Complete | Lead |
| 65645 | A | 1915 McDaniel Ave | Anniston | No Further Action | Sampled | none |
| 65930 | A | 1828 Bancroft Ave | Anniston | No Further Action | Sampled | none |
| 66286 | B | 226 Grant Ave | Anniston | No Further Action | Not Sampled | |
| 66513 | B | 330 S Allen Ave | Anniston | No Further Action | Not Sampled | |
| 66534 | B | 701 S Leighton Ave | Anniston | No Further Action | Not Sampled | |
| 66981 | C | 619 Constantine Av | Anniston | No Further Action | Sampled | none |
| 67224 | A | 220 Constantine Av | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |

| PPIN | EPA Study Area | Parcel Address | Municipality | Comments | Classification | Status |
|-------|----------------|---------------------|--------------|---|------------------|--------|
| 67409 | | 0 Golden Springs Rd | Anniston | No Further Action | | |
| 69945 | A | 2027 Dooley Ave | Anniston | No Further Action | Sampled | none |
| 73968 | B | 21 Adams St | Anniston | No Further Action | Not Sampled | |
| 74027 | B | 3 Net Street | Anniston | No Further Action | Not Sampled | |
| 75076 | C | 405 Constantine Av | Anniston | No Further Action | Sampled | none |
| 75229 | A | 2724 McCoy Ave | Anniston | No Further Action | Sampled | none |
| 75875 | C | 1113 McDaniel Ave | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | PCBs |
| 75875 | C | 1117 McDaniel Ave | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | PCBs |
| 75875 | C | 1105 McDaniel Ave | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | PCBs |
| 75901 | C | 621 Pine St | Anniston | Access Not Provided for Additional Demo Area Removal; Owner Not Found | Removal Complete | PCBs |
| 75933 | B | 314 Pine Ave | Anniston | No Further Action | Sampled | none |
| | | 809 Woodland Ct | Anniston | Unable to locate exact address. Woodland Court Outside of EPA Zones. No Further Action. | | |

Scully, Pam

From: Community Advisory Group <cag_cd@annistoncag.org>
Sent: Wednesday, September 17, 2014 10:35 AM
To: Scully, Pam
Subject: CAG Meeting

Follow Up Flag: Follow up
Flag Status: Completed

Good Morning,

I was asked to make sure you are aware the meeting on the 20th will be rescheduled.....

--

Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
1812 Wilmer Avenue
Suite B
Anniston, AL 36201
Voice: 256*741*1429
FAX: 256*741*3224
Website: www.annistoncag.org

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Scully, Pam

From: Community Advisory Group <cag_cd@annistoncag.org>
Sent: Wednesday, September 17, 2014 10:46 AM
To: CAG CD
Subject: CAG Office Phone

Follow Up Flag: Follow up
Flag Status: Completed

Good Morning,

Our office phone line is down. The communications upgrade hasn't ran properly, so you will receive a disconnect recording. Our line has not been disconnected. I have been told the phone lines should be up and running by Monday afternoon.

Thanks!

Cynthia Calix

*Administrator
Community Advisory Group For The Consent Decree
1812 Wilmer Avenue
Suite B
Anniston, AL 36201
Voice: 256*741*1429*

FAX: 256*741*3224

Website: www.annistoncag.org

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Scully, Pam

From: Scully, Pam
Sent: Wednesday, September 17, 2014 3:50 PM
To: Community Advisory Group; Shirley Carter
Cc: Macolly, Gayle; Thomas Dahl
Subject: CAG Meeting
Attachments: Summary of Demolitions.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Cindy,

Yes I understand that the meeting for September 20, 2014 will be rescheduled by the CAG.

Shirley,

What additional information she needs from me about the demolition properties (attached).

- The list was compiled by Solutia and the comments about further action were relative to the PCB Site.
- I added two columns to indicate the status of the property (i.e. whether it had been sampled, not sampled, or removal complete by either the lead or PCB site) and the classification of any samples (i.e., Lead was greater than 400 mg/kg= LEAD, PCBs were greater than 1 mg/kg=PCBs, Lead and PCBs were greater than 400 mg/kg and 1 mg/kg respectively = both, Lead and PCBs were less than 400 mg/kg and 1 mg/kg respectively =none).
- Gayle provided sampling results where they existed for demolition areas on PCB properties.
- I am not aware of any sampling results for demolition properties on the Lead site.

If you need more information from me please let me know.

Pam

From: Community Advisory Group [mailto:cag_cd@annistoncag.org]
Sent: Wednesday, September 17, 2014 10:35 AM
To: Scully, Pam
Subject: CAG Meeting

Good Morning,

I was asked to make sure you are aware the meeting on the 20th will be rescheduled.....

--

Cynthia Calix

Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429

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| PPIN | EPA Study Area | Parcel Address | Municipality | Comments | Classification | Status |
|-------|----------------|----------------------------|--------------|---|------------------|--------|
| 1270 | A | 1625 Mulberry Ave | Anniston | No Further Action | Sampled | none |
| 1777 | C | 1002 Front St | Anniston | No Further Action | Removal Complete | Lead |
| 2663 | A | 2020 Cooper Ave | Anniston | No Further Action | Sampled | none |
| 17422 | B | 207 B St | Anniston | No Further Action | Not Sampled | |
| 17499 | B | 203 Christine Ave | Anniston | No Further Action | Removal Complete | Lead |
| 18135 | C | 224 Front St | Anniston | No Further Action | Sampled | none |
| 18293 | C | 409 Chestnut Ave | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | Both |
| 18478 | C | 721 Zinn Pkwy Dr | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |
| 18495 | C | 716 Brockman St | Anniston | No Further Action | Sampled | none |
| 18616 | C | 703 Pine Ave | Anniston | Additional Demo Area Removal Scheduled for 2014 | Removal Complete | PCBs |
| 18621 | C | 609 Mulberry Ave | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |
| 18626 | C | 626 Mulberry Ave | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |
| 18627 | C | 512/614 Mulberry A | Anniston | No Further Action | Removal Complete | Both |
| 18630 | C | 705 Brockman Ave | Anniston | No Further Action | Sampled | none |
| 18677 | C | 920 W 10 th St | Anniston | No Further Action | Not Sampled | |
| 18678 | C | 920 W 10th St | Anniston | No Further Action | Not Sampled | |
| 18720 | C | 529 Glen Addie Ave | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | PCBs |
| 18819 | C | 1406 Mulberry Ave | Anniston | No Further Action | Sampled | none |
| 18924 | C | 1117 Rainwater Ave | Anniston | No Further Action | Sampled | none |
| 18968 | C | 1319 Mulberry A | Anniston | No Further Action | Sampled | none |
| 18972 | C | 1308 Mulberry Ave | Anniston | No Further Action | Sampled | none |
| 19054 | A | 527 W 16 th St | Anniston | No Further Action | Removal Complete | Lead |
| 19136 | C | 912 W 12th St | Anniston | No Further Action | Sampled | none |
| 19179 | A | 1613 Murray Ave | Anniston | No Further Action | Removal Complete | Both |
| 19227 | A | 112 W 16th St | Anniston | No Further Action | Sampled | none |
| 19289 | C | 1223 W 14th St | Anniston | No Further Action | Removal Complete | Lead |
| 19290 | C | 1221 W 14th St | Anniston | No Further Action | Sampled | none |
| 19331 | B | 1504 Stephens Ave | Anniston | No Further Action | Not Sampled | |
| 19336 | B | 1219 W 16 th St | Anniston | No Further Action | Sampled | none |
| 19341 | B | 1229 W 16th St | Anniston | No Further Action | Sampled | none |
| 19371 | C | 1018 Claxton Ave | Anniston | No Further Action | Sampled | none |
| 19398 | C | 1014 W 15th St | Anniston | No Further Action | Sampled | none |
| 19477 | A | 1515 McDaniel Av | Anniston | No Further Action | Sampled | none |
| 19683 | B | 1109 West 19th St | Anniston | No Further Action | Not Sampled | |
| 19707 | B | 2213 McDaniel Av | Anniston | No Further Action | Sampled | none |
| 19792 | A | 1631 Murray Ave | Anniston | No Further Action | Sampled | none |
| 19802 | A | 1630 Pine Ave | Anniston | No Further Action | Sampled | none |
| 19910 | A | 1821 Dooley Ave | Anniston | No Further Action | Sampled | none |
| 19912 | A | 1819 Dooley Ave | Anniston | No Further Action | Sampled | none |
| 19914 | A | 1813 Dooley Ave | Anniston | No Further Action | Sampled | none |
| 20019 | B | 1717 Dooley Ave | Anniston | No Further Action | Removal Complete | Both |

| PPIN | EPA Study Area | Parcel Address | Municipality | Comments | Classification | Status |
|-------|----------------|----------------------------------|--------------|-------------------|------------------|-----------|
| 20026 | A | 1808 Mulberry Ave | Anniston | No Further Action | Sampled | none |
| 20203 | A | 1700 Moore Ave | Anniston | No Further Action | Removal Complete | Lead |
| 20295 | A | 207 W 19th St | Anniston | No Further Action | Sampled | none |
| 20296 | A | 201 W 19th St | Anniston | No Further Action | Sampled | none |
| 20337 | A | 1802 Walnut Ave | Anniston | No Further Action | Removal Complete | Lead |
| 20347 | A | McCoy Ave & W 17th | Anniston | No Further Action | Not Sampled | |
| 20459 | A | 2009 McKleroy Ave | Anniston | No Further Action | Removal Complete | Lead |
| 20517 | A | 405 W 19th St | Anniston | No Further Action | Removal Complete | Lead |
| 21245 | B | 407 E 21st St | Anniston | No Further Action | Sampled | none |
| 21962 | | 1 Belmont Rd | Anniston | No Further Action | | Pell City |
| 24962 | B | 2329 Noble St | Anniston | No Further Action | Not Sampled | |
| 24981 | B | 2409 Noble St | Anniston | No Further Action | Not Sampled | |
| 25084 | B | 2815 Wilmer Ave | Anniston | No Further Action | Sampled | none |
| 25224 | B | 2206 Noble St | Anniston | No Further Action | Not Sampled | |
| 25235 | B | 2300 Gurnee Ave | Anniston | No Further Action | Not Sampled | |
| 25236 | B | 2304 Gurnee Ave | Anniston | No Further Action | Sampled | none |
| 25282 | B | 2825 Noble St | Anniston | No Further Action | Not Sampled | |
| 25339 | A | 119 West 23 rd Street | Anniston | No Further Action | Not Sampled | |
| 25387 | A | 513 W 27th St | Anniston | No Further Action | Sampled | none |
| 25388 | A | 2700 McCoy Ave | Anniston | No Further Action | Sampled | none |
| 25401 | A | 2721 Norwood Ave | Anniston | No Further Action | Sampled | none |
| 25425 | B | 2209 Gurnee Ave | Anniston | No Further Action | Removal Complete | Lead |
| 25433 | B | 2429 Gurnee Ave | Anniston | No Further Action | Sampled | none |
| 25436 | A | 2210 McKleroy Ave | Anniston | No Further Action | Sampled | none |
| 25511 | A | 2215 McCoy Ave | Anniston | No Further Action | Sampled | none |
| 25576 | A | 1013 Summit St | Anniston | No Further Action | Sampled | none |
| 25589 | A | 2526 Church St | Anniston | No Further Action | Sampled | none |
| 25607 | A | 2433 McCoy Ave | Anniston | No Further Action | Sampled | none |
| 25619 | B | 2401 Moore Ave | Anniston | No Further Action | Sampled | none |
| 25709 | B | 8 McArthur Dr | Anniston | No Further Action | Sampled | none |
| 25934 | B | 2808 Noble St | Anniston | No Further Action | Not Sampled | |
| 25952 | A | 2214 Dooley Ave | Anniston | No Further Action | Sampled | none |
| 25996 | B | 2832 Walnut Ave | Anniston | No Further Action | Sampled | none |
| 26129 | B | 2900 Gurnee Ave | Anniston | No Further Action | Not Sampled | |
| 26192 | B | 2823 Walnut Ave | Anniston | No Further Action | Sampled | none |
| 26220 | B | 115 W 30th St | Anniston | No Further Action | Sampled | none |
| 26229 | B | 3026 Gurnee Ave | Anniston | No Further Action | Sampled | none |
| 26269 | B | 3103 Moore Ave | Anniston | No Further Action | Sampled | none |
| 29101 | C | 202 Wilmer Ave | Anniston | No Further Action | Sampled | none |
| 30252 | A | 1716 Parkwin Ave | Anniston | No Further Action | Sampled | none |
| 30406 | A | 1709 Parkwin Ave | Anniston | No Further Action | Removal Complete | Lead |

| PPIN | EPA Study Area | Parcel Address | Municipality | Comments | Classification | Status |
|-------|----------------|--------------------|--------------|--|------------------|--------|
| 30535 | A | 1516 McDaniel Av | Anniston | Scheduled for Demolition. Additional sampling will be completed once structure is removed. | Removal Complete | PCBs |
| 30589 | C | 1325 Bancroft Ave | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |
| 30645 | C | 8 & 1312 Bancroft | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | Both |
| 30652 | A | 1832 W 15th 1/2 St | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |
| 30675 | A | 1808 W 15th St | Anniston | No Further Action | Sampled | none |
| 30695 | A | 1608 Parkwin Ave | Anniston | No Further Action | Sampled | none |
| 30720 | C | 1314 W 15th St | Anniston | No Further Action | Sampled | none |
| 30721 | C | 1316 W 15th St | Anniston | No Further Action | Removal Complete | Lead |
| 30775 | C | 1721 W 12th St | Anniston | No Further Action | Removal Complete | Lead |
| 30804 | C | 1717 W 13th St | Anniston | No Further Action | Removal Complete | Lead |
| 30805 | C | 1719 W 13th St | Anniston | No Further Action | Removal Complete | Lead |
| 30814 | C | 1218 Crawford Ave | Anniston | No Further Action | Removal Complete | Lead |
| 32070 | C | 1020 Ferron Ave | Anniston | No Further Action | Removal Complete | Lead |
| 60871 | A | 2221 Cobb Ave | Anniston | No Further Action | Sampled | none |
| 60873 | A | 2215 Cobb Ave | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |
| 61128 | B | 113 & 115 W 22nd | Anniston | No Further Action | Removal Complete | Lead |
| 61211 | B | 117 & 119 W 22nd | Anniston | No Further Action | Sampled | none |
| 61214 | B | 204/2206 Gurnee A | Anniston | No Further Action | Sampled | none |
| 61489 | B | 2309 Noble St | Anniston | No Further Action | Sampled | none |
| 61491 | B | 2306 Wilmer Ave | Anniston | No Further Action | Not Sampled | |
| 61505 | A | 2430 McCoy Ave | Anniston | No Further Action | Sampled | none |
| 61604 | B | 2412 Gurnee Ave | Anniston | No Further Action | Removal Complete | Lead |
| 62086 | A | 2000 Cooper Ave | Anniston | No Further Action | Sampled | none |
| 62119 | A | 30 W 19th St | Anniston | No Further Action | Removal Complete | Lead |
| 62133 | A | 1828 Mulberry Ave | Anniston | No Further Action | Sampled | none |
| 62134 | A | 1822 Mulberry Ave | Anniston | No Further Action | Not Sampled | |
| 62146 | | 1408 McCall Dr | Anniston | No Further Action | | |
| 62478 | A | 1629 Murray Ave | Anniston | No Further Action | Removal Complete | Lead |
| 62479 | A | 1617 Murray Ave | Anniston | No Further Action | Not Sampled | |
| 62822 | C | 609 Zinn Pkwy Dr | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | PCBs |
| 62928 | B | 9 S Walnut | Anniston | No Further Action | Removal Complete | PCBs |
| 62970 | B | 1002 W 17th St | Anniston | No Further Action | Not Sampled | |
| 63176 | B | 208 Leighton Ave | Anniston | No Further Action | Not Sampled | |
| 63539 | B | 28 S Christine Ave | Anniston | No Further Action | Removal Complete | Lead |
| 65645 | A | 1915 McDaniel Ave | Anniston | No Further Action | Sampled | none |
| 65930 | A | 1828 Bancroft Ave | Anniston | No Further Action | Sampled | none |
| 66286 | B | 226 Grant Ave | Anniston | No Further Action | Not Sampled | |
| 66513 | B | 330 S Allen Ave | Anniston | No Further Action | Not Sampled | |
| 66534 | B | 701 S Leighton Ave | Anniston | No Further Action | Not Sampled | |
| 66981 | C | 619 Constantine Av | Anniston | No Further Action | Sampled | none |
| 67224 | A | 220 Constantine Av | Anniston | Sampling Completed, No Additional Removal Required in Demo Area | Removal Complete | PCBs |

| PPIN | EPA Study Area | Parcel Address | Municipality | Comments | Classification | Status |
|-------|----------------|---------------------|--------------|---|---------------------------------------|--------|
| 67409 | | 0 Golden Springs Rd | Anniston | No Further Action | Sampled Not Sampled Not Sampled | none |
| 69945 | A | 2027 Dooley Ave | Anniston | No Further Action | | |
| 73968 | B | 21 Adams St | Anniston | No Further Action | | |
| 74027 | B | 3 Net Street | Anniston | No Further Action | | |
| 75076 | C | 405 Constantine Av | Anniston | No Further Action | Sampled | none |
| 75229 | A | 2724 McCoy Ave | Anniston | No Further Action | Sampled | none |
| 75875 | C | 1113 McDaniel Ave | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | PCBs |
| 75875 | C | 1117 McDaniel Ave | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | PCBs |
| 75875 | C | 1105 McDaniel Ave | Anniston | Additional Demo Area Removal Completed in 2012 | Removal Complete | PCBs |
| 75901 | C | 621 Pine St | Anniston | Access Not Provided for Additional Demo Area Removal; Owner Not Found | Removal Complete | PCBs |
| 75933 | B | 314 Pine Ave | Anniston | No Further Action | Sampled | none |
| | | 809 Woodland Ct | Anniston | Unable to locate exact address. Woodland Court Outside of EPA Zones. No Further Action. | | |

Scully, Pam

From: Scully, Pam
Sent: Monday, October 06, 2014 10:35 AM
To: Community Advisory Group
Subject: Fw: Air Sampling Report
Attachments: REPORT Anniston 2012 PCB Air Study.pdf

Follow Up Flag: Follow up
Flag Status: Completed

From: Scully, Pam
Sent: Friday, March 15, 2013 11:44 AM
To: Shirley Carter; Gayle Macolly; Cynthia Calix; bertrandthomas10@comcast.net
Subject: Air Sampling Report

All

I am sending you all a copy of the air sampling report for samples collected in October 2012. I am not asking for your comments on this report.

The data have been validated. I wanted to release the data to you because you or others may have requested this data. The data will not change.

I have sent the data to ATSDR, and there will be information forthcoming from EPA's toxicologist about what the data means as far as EPA is concerned.

Pam

Pamela J. Langston Scully, P.E.
U.S. Environmental Protection Agency
61 Forsyth Street, SW
Atlanta, Georgia 30303
scully.pam@epa.gov

Office: 404-562-8935

Cell: 404-661-7378



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4**

Science and Ecosystem Support Division
Enforcement and Investigations Branch
980 College Station Road
Athens, Georgia 30605-2720

March 13, 2013

4SESD-EIB

MEMORANDUM

SUBJECT: Anniston PCB Air Study
Anniston, Alabama
SESD Project # 13-0036

FROM: Tim Slagle
Superfund and Air Section

THRU: Laura Ackerman, Chief
Superfund and Air Section

TO: Pamela J. Langston Scully, Remedial Project Manager
Superfund Division
Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, Georgia 30303-8960

Attached is the Anniston PCB Air Study Report that was conducted in Anniston, Alabama, October 23-25, 2012. If you have any questions concerning the report or sampling investigation, please call me at (706) 355-8741 or e-mail me at Slagle.Tim@epa.gov.

**United States Environmental Protection Agency
Region 4**

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720



**Report
Anniston PCB Air Study
Anniston, Calhoun County, Alabama
October 23-25, 2012**

SESD Project Identification Number: 13-0036

Requestor: Pamela J. Langston Scully,
Remedial Project Manager
Superfund Division
USEPA
61 Forsyth St. SW
Atlanta, Georgia 30303-8960

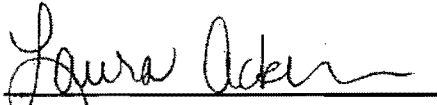
SESD Project Leader: Tim Slagle
Enforcement and Investigations Branch
USEPA
980 College Station Road
Athens, Georgia 30605-2720

Title and Approval Sheet

Title: Report, Anniston PCB Air Study
Anniston, Calhoun County, Alabama

Document Type: Investigation Final Report

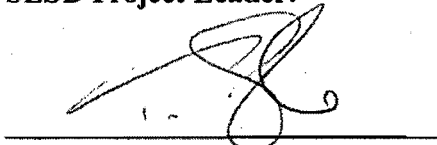
Approving Official:



Laura Ackerman, Chief
Superfund and Air Section
Enforcement and Investigations Branch

03/13/13
Date

SESD Project Leader:



Tim Slagle, Regional Expert
Superfund and Air Section
Enforcement and Investigations Branch

3/13/2013
Date

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**Anniston PCB Air Study
Anniston, Alabama
October 23-25, 2012**

INTRODUCTION

On October 23-25, 2012, Tim Slagle, US EPA, Region 4, Science and Ecosystem Support Division (SESD), along with Don Fortson and Brian Herndon Integrated Laboratory Systems (ILS), collected ambient air samples from properties around the Solutia Superfund Site. The investigation was requested by Pamela J. Langston Scully, Remedial Project Manager (RPM), Superfund Division, Region 4 USEPA, 61 Forsyth St., SW, Atlanta, GA 30303-8909.

BACKGROUND

Site Description

The city of Anniston, Alabama is located at approximately 33.66° North latitude and -85.83° West longitude (decimal degrees) in Calhoun County. The Solutia facility is located at 702 Clydesdale Avenue, Anniston, AL 36201 approximately 33.65° North latitude and -85.85° West longitude.

Site History

The Anniston Polychlorinated Biphenyl (PCB) Site consists of residential and commercial properties located in and around Anniston, Calhoun County, Alabama. The Site is being investigated for PCBs and other contaminants by the U.S. Environmental Protection Agency (EPA). Previous site investigations by the Alabama Department of Public Health (ADPH), the Alabama Department of Environmental Management (ADEM), the Agency for Toxic Substances and Disease Registry (ATSDR), and EPA Region 4 have shown that PCB contamination is present in the Anniston area.

The Solutia facility in Anniston, Alabama, is one of two facilities in the United States that produced PCBs (Aroclors). PCB production ceased in 1971 in Anniston. The Solutia Anniston plant occupies 70 acres of land, about 1 mile west of downtown Anniston. The site is bounded to the north by the Norfolk Southern and Erie railroads, east and west by residential properties, and south by U.S. Highway 202. The Solutia facility includes two landfills which received PCB waste material.

The facility is regulated under the Alabama Hazardous Waste Management and Minimization Act (HWMMA). EPA has authorized ADEM to implement the Resource Conservation and Recovery Act (RCRA) through the HWMMA in lieu of the federal RCRA program. Through investigations initiated under the RCRA program, EPA and ADEM have determined that the Solutia facility, the adjacent community, and the drainage ditches exiting the property as well as the downstream waterways (Snow Creek, Choccolocco Creek, and the Coosa River-Lake Logan Martin) are contaminated with PCBs.

Solutia has conducted investigations of the facility and adjacent community and has instituted interim measures toward eliminating further releases and minimizing human exposure.

Pollutants and Potential Sources

A **polychlorinated biphenyl (PCB)** is any of the 209 configurations of organochlorides with 1 to 10 chlorine atoms attached to biphenyl, which is a molecule composed of two benzene rings. The chemical formula for a PCB is $C_{12}H_{10-x}Cl_x$ (where x equals the number of chlorine atoms).

PCBs were widely used as dielectric and coolant fluids, for example in transformers, capacitors, and electric motors. Due to PCBs' environmental toxicity and classification as a persistent organic pollutant, PCB production was banned by the United States Congress in 1979.

PCB Congeners

A PCB congener is any single, unique well-defined chemical compound in the PCB category. The name of a congener specifies the total number of chlorine substituents and the position of each chlorine atom. For example: 4,4'-Dichlorobiphenyl is a congener comprising the biphenyl structure with two chlorine substituents, one on each of the #4 carbons of the two rings. In 1980, a numbering system was developed which assigned a sequential number to each of the 209 PCB congeners.

PCB Homologs

Homologs are subcategories of PCB congeners having equal numbers of chlorine substituents. For example, the tetrachlorobiphenyls are all PCB congeners with exactly 4 chlorine substituents that may be in any arrangement (Table 2).

Although there have been several areas throughout the city of Anniston contaminated with PCBs and subsequently remediated, the community is concerned that PCB concentrations that may be present in the ambient air.

OBJECTIVE

The overall goal of this effort is to collect data of sufficient quality and quantity to determine if Anniston residents in the study area are being exposed to PCB concentrations in the ambient air at levels that may pose a potential health hazard. The PCB data collected will be summarized into homolog concentrations at the request of US EPA Region 4 Human Health Risk Assessors to compare the data collected in this study with data from previous studies.

SAMPLING DESIGN

SESD used an authoritative sampling design to collect ambient air samples to satisfy the data quality objectives of the study. Three sampling stations (F, I, and J) were selected for sampling by Tim Slagle and Pamela Langston Scully, US EPA Region 4. The locations where the air sampling was conducted are listed in Table 1 and designated by yellow push pins on the site map (Appendix A; Figure 1).

Table 1

Air Sample Station Locations

| Station ID | Location | Latitude | Longitude |
|---------------------|---|------------|-------------|
| F | Stephens Avenue & West 12 th Street on Solutia property | 33.65977° | -85.84371° |
| I | 300 Parker Street | 33.64780° | -85.86642° |
| J | West 10th Street & Parkwin Avenue on Solutia property | 33.65582° | -85.85396° |
| Meteorological Site | Clydesdale Avenue & West 7 th Street on Solutia property | 33.653213° | -85.853138° |

On October 23rd, 2012, SESD established air sampling stations at each of the locations in Table 1. A duplicate monitoring site was located at Station J (Appendix B; Photo #3). The sample collection was conducted over a period of 3 consecutive days. The samples were collected over 2 nominal 24- hour periods. The sampling stations are selected to ascertain ambient air concentrations of PCBs that may be emanating from the Solutia Site into the surrounding neighborhoods.

To allow for a more complete understanding of the meteorological conditions associated with pollutant concentrations, wind speed and wind direction, were collected from a temporary meteorological station located at the intersection of Clydesdale Avenue and West 7th Street on Solutia property near the entrance to the facility (Appendix B; Photo #4), which is marked by a blue triangle in Figure 1.

INVESTIGATION METHODOLOGY

Task Description

SESD personnel collected ten 24-hour air samples during this investigation. The air samples were collected in accordance with *US EPA Compendium Method TO-4A Determination of Pesticides and Polychlorinated Biphenyls in Ambient Air Using High Volume Polyurethane Foam (PUF) Sampling Followed by Gas Chromatographic/Multi-Detector Detection (GC/MD)* and shipped to a contract lab for PCB analysis.

Ambient Air Sampling Procedure:

SESD collected ten 24-hour ambient air samples including Quality Assurance/Quality Control (QA/QC) samples. Analysis of the air samples for PCB Homologues was conducted by a CLP laboratory in accordance with *US EPA Compendium Method TO-4A Determination of Pesticides and Polychlorinated Biphenyls in Ambient Air Using High Volume Polyurethane Foam (PUF) Sampling Followed by Gas Chromatographic/Multi-Detector Detection (GC/MD)* and *EPA Method 1668B Chlorinated Biphenyl Congeners in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS* November 2008. Laboratory QA/QC procedures were conducted in accordance with the guidelines incorporated in the analytical methods.

Sample custody was maintained by SESD until samples were shipped to the CLP laboratory for analysis. All samples were collected and handled in accordance with the EPA Region 4 *SESD Field Branches Quality System and Technical Procedures*. The following specific procedures were used during sample collection for all direct field measurements and sampling activities:

SESDPROC-303-R4 Ambient Air Sampling
SESDPROC-110-R3 Global Positioning System (GPS)
SESDPROC-005-R1 Sample and Evidence Management
SESDPROC-010-R4 Log Books
SESDPROC-205-R2, Field Equipment Cleaning and Decontamination
SESDPROC-209-R2, Packing, Marking, Labeling and Shipping of Environmental and Waste Samples

SAMPLE IDENTIFICATION PROTOCOLS:

The air sampling Station IDs that were used for this investigation are listed in Table 1. The individual Sample IDs began with the Station-ID and was followed by matrix identifier; AA for ambient air or FB for field blank. The matrix identifier was followed by the month-day-year of the sampling event. For example, sample station J sampled on October 23, 2012 would have a Sample ID as follows:
JAA102312

Air duplicate samples were identified with a "D" following the sampling station ID. For Example, a duplicate air sample collected at sample station J sampled on October 23, 2012 would have a Sample ID as follows:
JDAA102312

RESULTS

The air sampling locations are described in Table 1. The list of compounds was limited to PCB Homologs found in the ambient air in the city of Anniston from previous air studies, which are listed in Table 2. A summary table of the PCB Homolog analytical results for the air samples collected is contained in Table 3. A map of the study area; denoted as Figure 1 is provided in Appendix A. Appendix B contains photographs of each of the sampling stations and the meteorological station. Appendix C contains the meteorological data for the two 24-hour sampling periods. The Laboratory Analytical Report is attached as Appendix D. The Field Logbook is attached as Appendix E.

The laboratory results for the PCB Homolog analysis of the air samples collected during the study are summarized in Table 3. The Laboratory Analytical Report is attached as Appendix D, which contains the analytical results for each of the PCB homologs, 209 PCB congeners and applicable TEQs (Toxic Equivalents). The concentration of the analytes is reported in nanograms per cubic meter of air (ng/m³). A Report Narrative on page 2 of Appendix D; discusses in detail the data quality factors requiring qualification of the analytical results. In addition, numerical values for the non-detected PCB congeners have been included in the Laboratory Analytical Report. The "non-detects are followed by a "U" which is a "Data Qualifier" that denotes that the analyte was not detected above the listed Minimum Reporting Limit (MRL). The listed value is the associated MRL and may vary between samples based on the dilutions required to quantitate the PCB concentrations. It is important to note that some of the MRLs listed for the non-detects may change between samples and the associated PCB may be present at a concentration less than the reported MRL.

Many of the PCB congener analytical results in Appendix D are followed by "Data Qualifiers" that are listed on page 5 of the Laboratory Analytical Report and are summarized below:

U The analyte was not detected at or above the reporting limit.

B-4 Level in blank impacts MRLs.

CLP33 Poor Chromatography - Split Peaks and/or Poor Peak Shape Present

J The identification of the analyte is acceptable; the reported value is an estimate.

QI-1 Internal standard was outside of method control limits.

The wind speed and direction data is tabulated by each sample period in Appendix C. The tabulated periods are longer than 24 hours and overlap each other to account for the setup and travel time between sample stations. The actual collection time of each sample is a nominal 24 hours. The SESD meteorological station failed after the conclusion of the first sampling period. The meteorological data for the second sampling period was downloaded from weather underground via www.wunderground.com for the National Weather Service Site KANB at the Anniston Airport which is located approximately 13 miles southwest of the SESD meteorological station.

The first sampling period started on Tuesday, October 23, 2012 at 09:40, the wind was generally out of the northeast between 1 mile per hour (mph) and 11mph until the end of the sampling period at 11:13 on Wednesday, October 24. The highest concentrations of Total PCB Homologs in the ambient air were recorded at Sample Station I which is located at 300 Parker Street. This site is located west of the Solutia facility. A photo depicting the collection of the air sample is recorded in Appendix B; Photo #2. The concentrations of the Total PCB Homologs at each sample station during the first sampling period are listed below;

Sample Station F (west site)
Stephens Avenue & West 12th Street
FAA102312

Total PCB Homologs 1.8 ng/m³

Sample Station I (east site)
300 Parker Street
IAA102312

Total PCB Homologs 26 ng/m³

Sample Station J (central site)
West 10th Street & Parkwin Avenue
JAA102312

Total PCB Homologs 8.1 ng/m³

Sample Station J (Duplicate)
West 10th Street & Parkwin Avenue
JDAA102312

Total PCB Homologs 8.1 ng/m³

The second sampling period started on Wednesday, October 24, 2012 at 09:56, the wind was generally the east and ranged in speed from calm to 6.9 mph until the end of the sampling period at 11:32 on Thursday, October 25. The highest concentrations of Total PCB Homologs in the ambient air were again recorded at Sample Station I which is located at 300 Parker Street. The concentrations of the Total PCB Homologs at each sample station during the second sampling period are listed below;

Sample Station F (west site)
Stephens Avenue & West 12th Street
FAA102312

Total PCB Homologs 1.7 ng/m³

Sample Station I (east site)

300 Parker Street

IAA102312

Total PCB Homologs 8.8 ng/m³

Sample Station J (central site)

West 10th Street & Parkwin Avenue

JAA102312

Total PCB Homologs 8.0 ng/m³

Sample Station J (Duplicate)

West 10th Street & Parkwin Avenue

JDAA102312

Total PCB Homologs 7.3 ng/m³

QUALITY ASSURANCE

Duplicate air sample results obtained from the samples collected at sample station J were similar, during both 24-hour sampling periods, confirming the method precision was good. Photos showing the collection of these air samples is recorded in Appendix B; Photos #4 and #5.

A field blank sampling cartridge was collected on each sampling day. A field blank cartridge is removed from the shipping container and placed in the sampler, but not exposed, to check the possibility of contamination of the air samples during handling, transport and storage. Analysis of the field blank cartridges showed trace level amounts of PCB homologs that are present in the ambient air. The amount of each homolog and the resulting Total PCBs that are present in each field blank are listed in Table 3. The PCB results found in the field blanks are typical for air samples analyzed by this methodology. The PCB concentrations detected in the field blanks do not affect the quality of the data.

TABLES

Table 2
PCB Homolog Analytes

| PCB Homolog | CASRN | Chlorine Atom Substituents | Number of Congeners |
|---------------------|--------------|---|--------------------------------|
| Monochlorobiphenyl | 27323-18-8 | 1 | 3 |
| Dichlorobiphenyl | 25512-42-9 | 2 | 12 |
| Trichlorobiphenyl | 25323-68-6 | 3 | 24 |
| Tetrachlorobiphenyl | 26914-33-0 | 4 | 42 |
| Pentachlorobiphenyl | 25429-29-2 | 5 | 46 |
| Hexachlorobiphenyl | 26601-64-9 | 6 | 42 |
| Heptachlorobiphenyl | 28655-71-2 | 7 | 24 |
| Octachlorobiphenyl | 55722-26-4 | 8 | 12 |
| Nonachlorobiphenyl | 53742-07-7 | 9 | 3 |
| Decachlorobiphenyl | 2051-24-3 | 10 | 1 |

CASRN = Chemical Abstracts Service Registry Number

Table 3

Anniston PCB Air Study PCB Homolog Sample Results
October 23-24, 2012

| Station ID | | Field Blank | Field Blank | F | F | I | I | J | J | J | J |
|-----------------------------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Sample ID | | FB102312 | FB102412 | FAA102312 | FAA102412 | IAA102312 | IAA102412 | JAA102312 | JAA102412 | JDAA102312 | JDAA102412 |
| Matrix | | Field Blank | Field Blank | Ambient Air | Ambient Air | Ambient Air | Ambient Air | Ambient Air | Ambient Air | Ambient Air | Ambient Air |
| Sample Date | | 10/23/2012 | 10/24/2012 | 10/23/2012 | 10/24/2012 | 10/23/2012 | 10/24/2012 | 10/23/2012 | 10/24/2012 | 10/23/2012 | 10/24/2012 |
| Analyte | Units | | | | | | | | | | |
| Monochlorobiphenyl (Total) | ng/m3 | 0.00081 | 0.00022 | 0.16 | 0.15 | 13 | 0.37 | 0.72 | 0.63 | 0.72 | 0.59 |
| Dichlorobiphenyl (Total) | ng/m3 | 0.058 | 0.04 | 0.4 | 0.4 | 9 | 2.8 | 2.6 | 2.8 | 2.6 | 2.6 |
| Trichlorobiphenyl (Total) | ng/m3 | 0.027 | 0.019 | 0.38 | 0.37 | 10 | 3.6 | 2.9 | 2.6 | 2.9 | 2.4 |
| Tetrachlorobiphenyl (Total) | ng/m3 | 0.021 | 0.017 | 0.54 | 0.49 | 4 | 16 | 16 | 15 | 16 | 12 |
| Pentachlorobiphenyl (Total) | ng/m3 | 0.014 | 0.01 | 0.19 | 0.18 | 0.62 | 0.27 | 0.3 | 0.34 | 0.3 | 0.32 |
| Hexachlorobiphenyl (Total) | ng/m3 | 0.012 | 0.014 | 0.074 | 0.063 | 0.19 | 0.094 | 0.09 | 0.11 | 0.09 | 0.11 |
| Heptachlorobiphenyl (Total) | ng/m3 | 0.0012 | 0.0042 | 0.022 | 0.015 | 0.036 | 0.017 | 0.021 | 0.028 | 0.021 | 0.026 |
| Octachlorobiphenyl (Total) | ng/m3 | 0.00022 | 0.00022 | 0.0051 | 0.0038 | 0.0058 | 0.0011 | 0.0034 | 0.0077 | 0.0034 | 0.0068 |
| Nonachlorobiphenyl (Total) | ng/m3 | 0.00022 | 0.00022 | 0.0025 | 0.0021 | 0.0044 | 0.0017 | 0.0042 | 0.0048 | 0.0042 | 0.0042 |
| Total PCBs | ng/m3 | 0.13 | 0.11 | 18 | 17 | 26 | 8.8 | 8.1 | 8 | 8.1 | 7.3 |

Air samples collected starting October 23, 2012 are highlighted in Yellow

APPENDIX A

SITE MAP

Figure 1

Anniston PCB Air Study Sampling Stations

October 23-25, 2012



APPENDIX B

SITE PHOTOGRAPHS



Photo #1 Sample Station F facing South



Photo #2 Sample Station I facing West

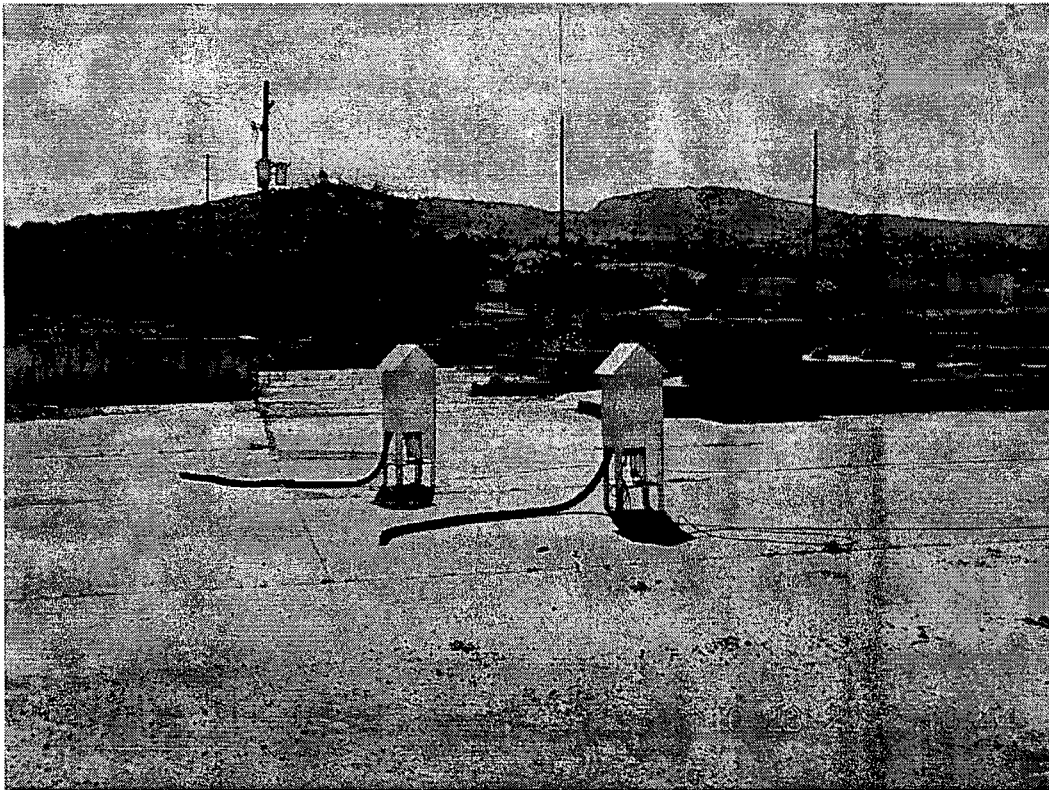


Photo #3 Duplicate Sample Station J facing South



Photo #4 Meteorological Site facing Southeast

APPENDIX C

METEROLOGICAL DATA

Anniston PCB Air Study

Meteorological Data for 1st Sample Period October 23 to October 24, 2012

| Date | Hour | Wind Speed (mph) | Wind Direction (degrees) |
|------------|------|------------------|--------------------------|
| 10/23/2012 | 9 | 2.7 | 83 |
| 10/23/2012 | 10 | 3 | 72 |
| 10/23/2012 | 11 | 3.4 | 55 |
| 10/23/2012 | 12 | 3.1 | 65 |
| 10/23/2012 | 13 | 4.2 | 138 |
| 10/23/2012 | 14 | 2.9 | 254 |
| 10/23/2012 | 15 | 2.7 | 106 |
| 10/23/2012 | 16 | 2.1 | 109 |
| 10/23/2012 | 17 | 1.6 | 127 |
| 10/23/2012 | 18 | 1.6 | 150 |
| 10/23/2012 | 19 | 0.2 | 126 |
| 10/23/2012 | 20 | 0.2 | 81 |
| 10/23/2012 | 21 | 0.5 | 100 |
| 10/23/2012 | 22 | 0.7 | 84 |
| 10/23/2012 | 23 | 0.7 | 68 |
| 10/24/2012 | 0 | 2 | 89 |
| 10/24/2012 | 1 | 0.4 | 70 |
| 10/24/2012 | 2 | 0.2 | 91 |
| 10/24/2012 | 3 | 0.1 | 116 |
| 10/24/2012 | 4 | 0.6 | 348 |
| 10/24/2012 | 5 | 0.1 | 335 |
| 10/24/2012 | 6 | 0.3 | 8 |
| 10/24/2012 | 7 | 0.6 | 38 |
| 10/24/2012 | 8 | 0.5 | 27 |
| 10/24/2012 | 9 | 1.6 | 46 |
| 10/24/2012 | 10 | 3.3 | 86 |
| 10/24/2012 | 11 | 2.7 | 65 |
| 10/24/2012 | 12 | 3.3 | 55 |

Meteorological Data from SESD Temporary Meteorological Station
Hour = Central Daylight Time (local time)

Anniston PCB Air Study

Meteorological Data for 2nd Sample Period October 24 to October 25, 2012

| Date | Time CDT | Wind Speed (mph) | Wind Direction (degrees) |
|------------|----------|------------------|--------------------------|
| 10/24/2012 | 9:53 AM | 5.8 | 70 |
| 10/24/2012 | 10:53 AM | 3.5 | 80 |
| 10/24/2012 | 11:53 AM | Calm | 0 |
| 10/24/2012 | 12:53 PM | 4.6 | 10 |
| 10/24/2012 | 1:53 PM | 3.5 | 30 |
| 10/24/2012 | 2:53 PM | Calm | 0 |
| 10/24/2012 | 3:53 PM | Calm | 0 |
| 10/24/2012 | 4:53 PM | 4.6 | 120 |
| 10/24/2012 | 5:53 PM | Calm | 0 |
| 10/24/2012 | 6:53 PM | Calm | 0 |
| 10/24/2012 | 7:53 PM | Calm | 0 |
| 10/24/2012 | 8:53 PM | Calm | 0 |
| 10/24/2012 | 9:53 PM | Calm | 0 |
| 10/24/2012 | 11:53 PM | 4.6 | 90 |
| 10/25/2012 | 12:53 AM | 4.6 | 70 |
| 10/25/2012 | 1:53 AM | 3.5 | 60 |
| 10/25/2012 | 5:53 AM | 4.6 | 60 |
| 10/25/2012 | 7:53 AM | 5.8 | 60 |
| 10/25/2012 | 9:53 AM | 5.8 | 50 |
| 10/25/2012 | 11:53 AM | 6.9 | 110 |

Meteorological Data from National Weather Service Station KANB, Anniston, Alabama Airport

CDT = Central Daylight Time (local time)

APPENDIX D

LABORATORY ANALYTICAL REPORT

(75 pages)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

March 12, 2013

4SESD-MTSB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 13-0036, Anniston PCB Air Study
Superfund Remedial

FROM: Jeffrey Hendel
Quality Assurance Section Chemist

THRU: Marilyn Maycock, Chief
Quality Assurance Section

TO: Tim Slagle

This data report is being reissued. Some or all of these results were previously reported. Please substitute the corrected results for those results previously reported. Please refer to the Report Narrative for more details.

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:

Method Used:

PCB Aroclors (PCBA)

PCB Congeners

Contract SOW (Air)



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

Report Narrative for Work Order C124401, Project: 13-0036
Site Name: Anniston PCB Air Study
CLP Case No. n/a, ELEMENT Sample Nos. C124401-01 through C124401-10

Organic Analysis: Cape Fear Analytical, Wilmington, NC

The ESAT Work Team reviewed data for ten (10) air samples analyzed for Polychlorinated biphenyls (PCBs) Congeners per EPA Method 1668A. The samples were collected on 10/23/12 and 10/24/12, and were received by the laboratory on 10/25/12. The final data package was received on 11/27/12 by the USEPA Quality Assurance Section, Region 4 SESD/MTSB. The analytical results were reported in one sample delivery group (SDG) by the laboratory.

The laboratory satisfied all technical analysis and extraction holding time requirements. The laboratory submitted a "CLP-like" data package that was sufficient to perform Stage 4 validation manual review (S4VEM). The data package presents acceptable technical performance with qualifications.

Labeled monitoring compounds are used as surrogates in each sample for GC/MS analysis to monitor extraction efficiency.

Data quality factors requiring qualification of results are discussed below:

Several chlorinated biphenyl (CB) congeners were detected in the method blank associated with the samples in this Case. As a result, congeners #44 and/or 47, 65; #45 and/or 51; and #68 in samples C124401-01 and 02 and congener #68 in sample C124401-10 were qualified "U" (B-4).

Samples C124401-01 and 02 are field blanks which contained numerous positive results for congeners above the reporting limits. The field sample results were not compared to or qualified on the basis of field blank contamination as a part of this review in accordance with USEPA Region 4 policy. The end user of the data should evaluate the usability of the data based on the filed blanks.

Some mono- and di- chlorinated congeners in samples C124401-03 and 04 exhibited poor chromatography as evidenced by split and poorly shaped peaks. Affected results in these two samples were qualified "J" (CLP33).

The percent recoveries for labeled compounds were greater than the upper quality control limit in samples C124401-03, 04, 06, and 08. Any positive results associated with an out of control labeled analog was qualified "J" (QI-1).

The reporting limits for samples C124401-05, 06, 07, 08, 09, and 10 are elevated due to sample dilution.



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Data qualification factors are explained by the Region 4 - specific qualifier definitions which are included elsewhere in this report. Further details are provided in the complete data review report, which is on file in the Region 4 SESD Records Center.

Re-Reported Data

Data re-reported on 3/11/13 to include the following:

- Calculated new Toxic Equivalents to include mammal, fish, and avian for TEFs times zero for non-detects and times one half for non-detects. Six separate line items have been added to the report for each sample.
- Due to blank contamination, samples C124401-01, 02, and 10 were recalculated for Tetrachlorobiphenyl (Total) and Total PCBs to remove the contribution of the non-detects as qualified "U" based on the blank contamination.
- Corrected original paragraph for surrogates.

cc: Nardina Turner



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SAMPLES INCLUDED IN THIS REPORT

Project: 13-0036, Anniston PCB Air Study

| Sample ID | Laboratory ID | Matrix | Date Collected |
|------------|---------------|-------------|----------------|
| FB102312 | C124401-01 | Field Blank | 10/23/12 09:16 |
| FB102412 | C124401-02 | Field Blank | 10/24/12 11:49 |
| FAA102312 | C124401-03 | Ambient Air | 10/23/12 10:25 |
| FAA102412 | C124401-04 | Ambient Air | 10/24/12 10:30 |
| IAA102312 | C124401-05 | Ambient Air | 10/23/12 09:40 |
| IAA102412 | C124401-06 | Ambient Air | 10/24/12 09:56 |
| JAA102312 | C124401-07 | Ambient Air | 10/23/12 11:15 |
| JAA102412 | C124401-08 | Ambient Air | 10/24/12 11:32 |
| JDAA102312 | C124401-09 | Ambient Air | 10/23/12 11:15 |
| JDAA102412 | C124401-10 | Ambient Air | 10/24/12 11:32 |



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DATA QUALIFIER DEFINITIONS

| | |
|-------|---|
| U | The analyte was not detected at or above the reporting limit. |
| B-4 | Level in blank impacts MRLs. |
| CLP33 | Poor Chromatography - Split Peaks and/or Poor Peak Shape Present |
| J | The identification of the analyte is acceptable; the reported value is an estimate. |
| QI-1 | Internal standard was outside of method control limits. |

ACRONYMS AND ABBREVIATIONS

| | |
|-----|---|
| CAS | Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory. |
| MDL | Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero. |
| MRL | Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. |
| TIC | Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported. |



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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102312

Lab ID: C124401-01

Station ID:

Matrix: Field Blank

Date Collected: 10/23/12 9:16

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 0.058 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.0012 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.012 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.00081 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.00022 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.00022 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.00056 | U | ng/m3 | 0.00056 | 10/29/12 | 11/07/12 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.00030 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.00051 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.0018 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.00073 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.0037 | | ng/m3 | 0.0023 | 10/29/12 | 11/07/12 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.00034 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.050 | | ng/m3 | 0.0056 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.0021 | | ng/m3 | 0.00090 | 10/29/12 | 11/07/12 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.0019 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.0022 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.0040 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.00062 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.0051 | | ng/m3 | 0.0023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.0035 | | ng/m3 | 0.00090 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.0018 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: **FB102312**

Lab ID: **C124401-01**

Station ID:

Matrix: Field Blank

Date Collected: 10/23/12 9:16

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.00040 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.00085 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.00033 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.0048 | | ng/m3 | 0.0011 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.0011 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/07/12 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.0014 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.00049 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.00068 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47,65 | 0.023 | U, B-4 | ng/m3 | 0.00068 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.0035 | U, B-4 | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.00036 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.00065 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.0017 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.0052 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.0013 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.00068 | U | ng/m3 | 0.00068 | 10/29/12 | 11/07/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102312

Lab ID: C124401-01

Station ID:

Matrix: Field Blank

Date Collected: 10/23/12 9:16

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|---------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.00077 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.0046 | | ng/m3 | 0.00090 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.00056 | U | ng/m3 | 0.00056 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.0013 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.0024 | | ng/m3 | 0.00056 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.00094 | U, B-4 | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.00026 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.00056 | U | ng/m3 | 0.00056 | 10/29/12 | 11/07/12 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.00071 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.00068 | U | ng/m3 | 0.00068 | 10/29/12 | 11/07/12 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.0015 | | ng/m3 | 0.0014 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.0030 | | ng/m3 | 0.00068 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.00046 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.0028 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102312

Lab ID: C124401-01

Station ID:

Matrix: Field Blank

Date Collected: 10/23/12 9:16

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.00072 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.00056 | U | ng/m3 | 0.00056 | 10/29/12 | 11/07/12 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.00046 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.0025 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.0014 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.00036 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.0024 | | ng/m3 | 0.00068 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 38380-03-1 | PCB Congener #132 | 0.0011 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.0014 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.00065 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102312

Lab ID: C124401-01

Station ID:

Matrix: Field Blank

Date Collected: 10/23/12 9:16

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.00064 | | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.00023 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.00039 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.00030 | | ng/m3 | 0.00090 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.00025 | | ng/m3 | 0.00090 | 10/29/12 | 11/07/12 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.00039 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102312

Lab ID: C124401-01

Station ID:

Matrix: Field Blank

Date Collected: 10/23/12 9:16

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.00032 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.00049 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/07/12 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102312

Lab ID: C124401-01

Station ID:

Matrix: Field Blank

Date Collected: 10/23/12 9:16

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|------------|-------|---------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.014 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001156 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0) | 1.3E-5 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001157 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 3.6E-5 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 5.8E-5 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001158 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0) | 3.5E-8 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001159 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 6.6E-7 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.3E-6 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001161 | TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2) | 1.5E-5 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001160 | TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0) | 8.2E-8 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 2.9E-5 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 0.021 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 1336-36-3 | Total PCBs | 0.13 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 0.027 | | ng/m3 | 0.00023 | 10/29/12 | 11/07/12 | Contract SOW |



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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102412

Lab ID: C124401-02

Station ID:

Matrix: Field Blank

Date Collected: 10/24/12 11:49

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analysed | Method |
|------------|-----------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 0.040 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.0042 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.014 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.00022 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.00022 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.00022 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.00056 | U | ng/m3 | 0.00056 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.0011 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.00037 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.038 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.0010 | | ng/m3 | 0.00090 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.0012 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.0021 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.0026 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.00045 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.0036 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.0026 | | ng/m3 | 0.00090 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.0015 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102412

Lab ID: C124401-02

Station ID:

Matrix: Field Blank

Date Collected: 10/24/12 11:49

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.00043 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.00062 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.0033 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.00073 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.00092 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.00039 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.00051 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47/65 | 0.080 | U, B-4 | ng/m3 | 0.00068 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.014 | U, B-4 | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.00053 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.00052 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.0020 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.0047 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.00086 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62/75 | 0.0010 | | ng/m3 | 0.00068 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102412

Lab ID: C124401-02

Station ID:

Matrix: Field Blank

Date Collected: 10/24/12 11:49

| C-15 Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|----------------|---|---------|------------|-------|---------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.00053 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.0028 | | ng/m3 | 0.00090 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.00056 | U | ng/m3 | 0.00056 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.00077 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.0014 | | ng/m3 | 0.00056 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.0032 | U, B-4 | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.00024 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.00056 | U | ng/m3 | 0.00056 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.00048 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.00068 | U | ng/m3 | 0.00068 | 10/29/12 | 11/12/12 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.0025 | | ng/m3 | 0.00068 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.00037 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.0022 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102412

Lab ID: C124401-02

Station ID:

Matrix: Field Blank

Date Collected: 10/24/12 11:49

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.00054 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.00056 | U | ng/m3 | 0.00056 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.00053 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.0020 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.0014 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.0031 | | ng/m3 | 0.00068 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.0012 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.0015 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.00062 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102412

Lab ID: C124401-02

Station ID:

Matrix: Field Blank

Date Collected: 10/24/12 11:49

| C-45 Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|----------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.00080 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.00042 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.0030 | | ng/m3 | 0.00090 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.0028 | | ng/m3 | 0.00090 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.00032 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.00024 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.00045 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.00072 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |



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Region 4 Science and Ecosystem Support Division
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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102412

Lab ID: C124401-02

Station ID:

Matrix: Field Blank

Date Collected: 10/24/12 11:49

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.00041 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.00038 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.0010 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.00047 | | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.00073 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.00045 | U | ng/m3 | 0.00045 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.00022 | U | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.00050 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102412

Lab ID: C124401-02

Station ID:

Matrix: Field Blank

Date Collected: 10/24/12 11:49

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|------------|-------|---------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.010 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001156 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0) | 1.2E-5 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001157 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 3.5E-5 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 5.8E-5 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001158 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0) | 3.4E-8 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001159 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 6.6E-7 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.3E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001161 | TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2) | 1.5E-5 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001160 | TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0) | 8.2E-8 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 2.9E-5 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 0.017 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 1336-36-3 | Total PCBs | 0.11 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 0.019 | | ng/m3 | 0.00023 | 10/29/12 | 11/12/12 | Contract SOW |



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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Lab ID: C124401-03

Station ID: F

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|-------------|-------|---------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 0.40 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.022 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.074 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.16 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0025 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0051 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.14 | J, CLP33 | ng/m3 | 0.00061 | 10/29/12 | 11/07/12 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.0010 | J, CLP33 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.017 | J, CLP33 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.17 | J, CLP33 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.00049 | U, J, CLP33 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.021 | J, CLP33 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.0096 | J, CLP33 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.067 | | ng/m3 | 0.0024 | 10/29/12 | 11/07/12 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.0062 | J, CLP33 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.010 | J, CLP33 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.078 | | ng/m3 | 0.0061 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.0070 | | ng/m3 | 0.00097 | 10/29/12 | 11/07/12 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.00049 | U | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.032 | | ng/m3 | 0.0024 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.017 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.036 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.050 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.049 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.063 | | ng/m3 | 0.0024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.026 | | ng/m3 | 0.00097 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.017 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Lab ID: C124401-03

Station ID: F

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|-----------------|------------|-------|---------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.0032 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.0068 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.013 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.012 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.053 | | ng/m3 | 0.0012 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.018 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.00042 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0013 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.00049 U | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.010 | | ng/m3 | 0.0024 | 10/29/12 | 11/07/12 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.00024 U | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.00049 U | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.019 J, QI-1 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.0037 J, QI-1 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.015 J, QI-1 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.0024 J, QI-1 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47,65 | 0.15 J, QI-1 | | ng/m3 | 0.00073 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.028 J, QI-1 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.0042 J, QI-1 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.0075 J, QI-1 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.057 J, QI-1 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.013 J, QI-1 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.12 J, QI-1 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0018 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.00038 J, QI-1 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.0094 J, QI-1 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.00024 U | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.00024 U | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.0059 J, QI-1 | | ng/m3 | 0.00073 | 10/29/12 | 11/07/12 | Contract SOW |



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Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Lab ID: C124401-03

Station ID: E

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|---------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.0041 | J, QI-1 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.038 | J, QI-1 | ng/m3 | 0.00097 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0015 | J, QI-1 | ng/m3 | 0.00061 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.023 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.027 | J, QI-1 | ng/m3 | 0.00061 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.00085 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.0057 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.00059 | J, QI-1 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.0013 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0014 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.00049 | U | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.00049 | U | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0026 | J, QI-1 | ng/m3 | 0.00061 | 10/29/12 | 11/07/12 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0013 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.0092 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.0055 | J, QI-1 | ng/m3 | 0.00073 | 10/29/12 | 11/07/12 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.020 | J, QI-1 | ng/m3 | 0.0015 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.0070 | J, QI-1 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.00044 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.039 | J, QI-1 | ng/m3 | 0.00073 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.0079 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.00057 | J, QI-1 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.00039 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.037 | J, QI-1 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.00055 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0015 | J, QI-1 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Lab ID: C124401-03

Station ID: F

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.016 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.00061 | U | ng/m3 | 0.00061 | 10/29/12 | 11/07/12 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.0044 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0011 | J, QI-1 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.00062 | J, QI-1 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.024 | J, QI-1 | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.00034 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.013 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.00038 | J, QI-1 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.00034 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0013 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.013 | | ng/m3 | 0.00073 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.00075 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.0054 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.00027 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.00099 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.0079 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.0034 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.00043 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.00049 | U | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Lab ID: C124401-03

Station ID: F

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Date Collected: 10/23/12 10:25

| Sample Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0028 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0011 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0023 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.016 | | ng/m3 | 0.00097 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.014 | | ng/m3 | 0.00097 | 10/29/12 | 11/07/12 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.00030 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0010 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0012 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.00093 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.00041 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0017 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.00069 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.00035 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0027 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.00056 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |



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Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Lab ID: C124401-03

Station ID: F

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0015 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.00081 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0024 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.0044 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0021 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.0042 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.00037 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.00080 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.00027 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.00047 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.00049 | U | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0014 | | ng/m3 | 0.00049 | 10/29/12 | 11/07/12 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.00032 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.00096 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.00083 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.00024 | U | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0015 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.00027 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.00069 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0015 | | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Lab ID: C124401-03

Station ID: F

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

| CAS Number | Analyte | Results/Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|--------------------|-------|---------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.19 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001156 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0) | 7.0E-5 | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001157 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 9.5E-5 | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00012 | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001158 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0) | 2.4E-7 | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001159 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 9.1E-7 | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.6E-6 | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001161 | TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2) | 1.7E-5 | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001160 | TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0) | 7.3E-7 | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 3.2E-5 | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 0.54 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 1336-36-3 | Total PCBs | 1.8 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 0.38 | ng/m3 | 0.00024 | 10/29/12 | 11/07/12 | Contract SOW |



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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102412

Lab ID: C124401-04

Station ID: F

Matrix: Ambient Air

Date Collected: 10/24/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|-------------|-------|---------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 0.40 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.015 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.063 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.15 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0021 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0038 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.14 | J, CLP33 | ng/m3 | 0.00064 | 10/29/12 | 11/07/12 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.0027 | J, CLP33 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.013 | J, CLP33 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.17 | J, CLP33 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.00051 | U, J, CLP33 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.022 | J, CLP33 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.011 | J, CLP33 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.069 | | ng/m3 | 0.0026 | 10/29/12 | 11/07/12 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.0066 | J, CLP33 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.010 | J, CLP33 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.075 | | ng/m3 | 0.0064 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.0073 | | ng/m3 | 0.0010 | 10/29/12 | 11/07/12 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.00051 | U | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.035 | | ng/m3 | 0.0026 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.021 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.038 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.051 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.051 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.061 | | ng/m3 | 0.0026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.025 | | ng/m3 | 0.0010 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.017 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |



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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102412

Lab ID: C124401-04

Station ID: F

Matrix: Ambient Air

Date Collected: 10/24/12 10:30

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.0068 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.013 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.012 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.051 | | ng/m3 | 0.0013 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.018 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.00038 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0012 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.00051 | U | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.0098 | | ng/m3 | 0.0026 | 10/29/12 | 11/07/12 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.00051 | U | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.020 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.0037 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.014 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.0028 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47/65 | 0.13 | J, QI-1 | ng/m3 | 0.00077 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.024 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.0040 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.0075 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.052 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.012 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.11 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0017 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.00032 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.0087 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62/75 | 0.0059 | J, QI-1 | ng/m3 | 0.00077 | 10/29/12 | 11/07/12 | Contract SOW |



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PCB Aroclors

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Sample ID: FAA102412

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| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|---------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.0039 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.034 | J, QI-1 | ng/m3 | 0.0010 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0014 | J, QI-1 | ng/m3 | 0.00064 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.023 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.025 | J, QI-1 | ng/m3 | 0.00064 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.00078 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.0045 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.00058 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0013 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.00051 | U | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.00051 | U | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0026 | J, QI-1 | ng/m3 | 0.00064 | 10/29/12 | 11/07/12 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0015 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.0088 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.0054 | J, QI-1 | ng/m3 | 0.00077 | 10/29/12 | 11/07/12 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.018 | J, QI-1 | ng/m3 | 0.0015 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.0064 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.00045 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.035 | J, QI-1 | ng/m3 | 0.00077 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.0072 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.00072 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.00038 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.033 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.00050 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0016 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |



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|------------|----------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.016 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.00064 | U | ng/m3 | 0.00064 | 10/29/12 | 11/07/12 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.0039 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0010 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.00052 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.023 | J, QI-1 | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.00029 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.011 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.00033 | J, QI-1 | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.00098 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.010 | | ng/m3 | 0.00077 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.00062 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.0044 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.00088 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.0073 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.0032 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.00043 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.00051 | U | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102412

Lab ID: C124401-04

Station ID: F

Matrix: Ambient Air

Date Collected: 10/24/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0022 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.00091 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0020 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.016 | | ng/m3 | 0.0010 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.012 | | ng/m3 | 0.0010 | 10/29/12 | 11/07/12 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.00026 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.00061 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.00089 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.00061 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.00076 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.00051 | U | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0019 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.00046 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102412

Lab ID: C124401-04

Station ID: F

Matrix: Ambient Air

Date Collected: 10/24/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0010 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.00069 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0021 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.0026 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0016 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.0035 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.00044 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.00030 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.00051 | U | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0012 | | ng/m3 | 0.00051 | 10/29/12 | 11/07/12 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.00028 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.00092 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.00066 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0013 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.00026 | U | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.00081 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0015 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |



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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102412

Lab ID: C124401-04

Station ID: F

Matrix: Ambient Air

Date Collected: 10/24/12 10:30

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|------------|-------|---------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.18 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001156 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0) | 6.4E-5 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001157 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 9.0E-5 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00012 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001158 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0) | 2.1E-7 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001159 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 9.2E-7 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.6E-6 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001161 | TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2) | 1.7E-5 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8001160 | TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0) | 6.1E-7 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 3.4E-5 | | ng/m3 | | 10/29/12 | 11/07/12 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 0.49 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 1336-36-3 | Total PCBs | 1.7 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 0.37 | | ng/m3 | 0.00026 | 10/29/12 | 11/07/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102312

Lab ID: C124401-05

Station ID: I

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|----------|------------|-------|--------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 9.0 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.036 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.19 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 1.3 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0044 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0058 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 1.1 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.052 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.15 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 3.2 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.11 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.77 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.19 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 3.3 | | ng/m3 | 0.023 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.32 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.35 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.089 | | ng/m3 | 0.056 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.097 | | ng/m3 | 0.0090 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.0045 U | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.55 | | ng/m3 | 0.023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.85 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 1.2 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 2.4 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.51 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 1.4 | | ng/m3 | 0.023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.89 | | ng/m3 | 0.0090 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.47 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.0029 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102312

Lab ID: C124401-05

Station ID: 1

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.054 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.11 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.28 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.21 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 1.4 | | ng/m3 | 0.011 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.57 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.0064 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.010 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.0045 | U | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.16 | | ng/m3 | 0.023 | 10/29/12 | 11/12/12 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.0045 | U | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.24 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.092 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.15 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.043 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47,65 | 0.62 | | ng/m3 | 0.0068 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.26 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.076 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.19 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.39 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.17 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.72 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0059 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.0076 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.081 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.064 | | ng/m3 | 0.0068 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102312

Lab ID: C124401-05

Station ID: I

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|----------|------------|-------|--------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.050 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.36 | | ng/m3 | 0.0090 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0098 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.23 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.18 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0096 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.0041 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.0045 U | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.031 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.011 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.0022 U | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.0045 U | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.0045 U | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.0022 U | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.013 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0059 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.035 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.018 | | ng/m3 | 0.0068 | 10/29/12 | 11/12/12 | Contract SOW |
| ES2450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.066 | | ng/m3 | 0.014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.023 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.0027 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.096 | | ng/m3 | 0.0068 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.017 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.0045 U | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.0022 U | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.12 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.0042 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0076 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102312

Lab ID: C124401-05

Station ID: I

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 38380-01-7 | PCB Congener # 99 | 0.038 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.0056 | U | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.030 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0045 | U | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.0045 | U | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.082 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.064 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0070 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.044 | | ng/m3 | 0.0068 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0029 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.016 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0031 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.015 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.0073 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.0028 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.0045 | U | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102312

Lab ID: C124401-05

Station ID: I

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

| C4S Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0076 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0026 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0053 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.034 | | ng/m3 | 0.0090 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.032 | | ng/m3 | 0.0090 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0065 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0050 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0026 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0054 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.0045 | U | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0058 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102312

Lab ID: C124401-05

Station ID: I

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0031 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0033 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.011 | | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0045 | U | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.0073 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.0030 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.0045 | U | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0045 | U | ng/m3 | 0.0045 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0028 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0044 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.0022 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0028 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |



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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102312

Lab ID: C124401-05

Station ID: I

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|--------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.62 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001156 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0) | 0.00057 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001157 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 0.00080 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.0010 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001158 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0) | 1.6E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001159 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 7.9E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.4E-5 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001161 | TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2) | 0.00015 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001160 | TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0) | 4.2E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 0.00030 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 4.0 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 1336-36-3 | Total PCBs | 26 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 10 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102412

Lab ID: C124401-06

Station ID: I

Matrix: Ambient Air

Date Collected: 10/24/12 9:56

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 2.8 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.017 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.094 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.37 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0017 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0011 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.31 | | ng/m3 | 0.0029 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.014 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.048 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.92 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.030 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.24 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.066 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 1.1 | | ng/m3 | 0.011 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.096 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.077 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.088 | | ng/m3 | 0.029 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.0046 | U | ng/m3 | 0.0046 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.0023 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.21 | | ng/m3 | 0.011 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.28 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.39 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.72 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.16 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.54 | | ng/m3 | 0.011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.35 | | ng/m3 | 0.0046 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.19 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102412

Lab ID: C124401-06

Station ID: I

Matrix: Ambient Air

Date Collected: 10/24/12 9:56

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.015 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.044 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.10 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.067 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.50 | | ng/m3 | 0.0057 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.16 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.0022 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0038 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.0023 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.067 | | ng/m3 | 0.011 | 10/29/12 | 11/12/12 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.0023 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.089 | J, QI-1 | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.032 | J, QI-1 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.055 | J, QI-1 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.015 | J, QI-1 | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47,65 | 0.32 | J, QI-1 | ng/m3 | 0.0034 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.10 | J, QI-1 | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.025 | J, QI-1 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.066 | J, QI-1 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.14 | J, QI-1 | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.052 | J, QI-1 | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.26 | J, QI-1 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0017 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.0019 | J, QI-1 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.032 | J, QI-1 | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.023 | J, QI-1 | ng/m3 | 0.0034 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102412

Lab ID: C124401-06

Station ID: 1

Matrix: Ambient Air

Date Collected: 10/24/12 9:56

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|--------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.020 | J, QI-1 | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.14 | J, QI-1 | ng/m3 | 0.0046 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0039 | J, QI-1 | ng/m3 | 0.0029 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.085 | J, QI-1 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.075 | J, QI-1 | ng/m3 | 0.0029 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0037 | J, QI-1 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.0066 | J, QI-1 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.0023 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.0094 | J, QI-1 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0045 | J, QI-1 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.0023 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.0023 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0054 | | ng/m3 | 0.0029 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0025 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.016 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.0078 | | ng/m3 | 0.0034 | 10/29/12 | 11/12/12 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.030 | | ng/m3 | 0.0068 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.0092 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.044 | | ng/m3 | 0.0034 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.0079 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.0023 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.050 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.0014 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0025 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102412

Lab ID: C124401-06

Station ID: I

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Date Collected: 10/24/12 9:56

| CAS Number | Analyte | Results - Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|----------------------|-------|--------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.018 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.0028 U | ng/m3 | 0.0029 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.013 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0023 U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.0023 U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.039 | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.028 | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0032 | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.021 | ng/m3 | 0.0034 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0014 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.0079 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.0011 U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0014 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.0074 | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.0037 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.0013 | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.0023 U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |



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PCB Aroclors

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Date Collected: 10/24/12 9:56

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0037 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0014 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0026 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.017 | | ng/m3 | 0.0046 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.016 | | ng/m3 | 0.0046 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0024 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0022 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0013 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0022 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.0023 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0026 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |



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Date Collected: 10/24/12 9:56

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|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0014 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0048 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.0050 | | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0023 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.0038 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.0023 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0023 | U | ng/m3 | 0.0023 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0017 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.0011 | U | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0012 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102412

Lab ID: C124401-06

Station ID: I

Matrix: Ambient Air

Date Collected: 10/24/12 9:56

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|------------|-------|--------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.27 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001156 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0) | 0.00023 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001157 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 0.00034 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00046 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001158 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0) | 6.7E-7 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001159 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 3.8E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 7.0E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001161 | TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2) | 7.6E-5 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001160 | TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0) | 1.8E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 0.00015 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 1.6 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 1336-36-3 | Total PCBs | 8.8 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 3.6 | | ng/m3 | 0.0011 | 10/29/12 | 11/12/12 | Contract SOW |



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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Lab ID: C124401-07

Station ID: J

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|----------|------------|-------|--------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 2.6 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.021 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.090 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.72 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0042 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0034 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.67 | | ng/m3 | 0.0033 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.010 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.043 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.92 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.022 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.18 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.11 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.74 | | ng/m3 | 0.013 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.064 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.19 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.090 | | ng/m3 | 0.033 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.028 | | ng/m3 | 0.0052 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.0047 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.20 | | ng/m3 | 0.013 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.21 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.31 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.57 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.24 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.41 | | ng/m3 | 0.013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.23 | | ng/m3 | 0.0052 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.13 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.0013 U | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Lab ID: C124401-07

Station ID: J

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.013 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.036 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.079 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.068 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.38 | | ng/m3 | 0.0065 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.15 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.0016 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.041 | | ng/m3 | 0.013 | 10/29/12 | 11/12/12 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.075 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.021 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.051 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.012 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47,65 | 0.34 | | ng/m3 | 0.0039 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.13 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.025 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.049 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.15 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.059 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.29 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0038 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.0024 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.024 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.020 | | ng/m3 | 0.0039 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Lab ID: C124401-07

Station ID: J

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|--------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.013 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.11 | | ng/m3 | 0.0052 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0033 | | ng/m3 | 0.0033 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.078 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.062 | | ng/m3 | 0.0033 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0027 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.018 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.0075 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0027 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0045 | | ng/m3 | 0.0033 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0026 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.017 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.0081 | | ng/m3 | 0.0039 | 10/29/12 | 11/12/12 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.030 | | ng/m3 | 0.0079 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.012 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.054 | | ng/m3 | 0.0039 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.010 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.064 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.0017 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0032 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Lab ID: C124401-07

Station ID: J

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.024 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.0033 | U | ng/m3 | 0.0033 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.0080 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.038 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.020 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.017 | | ng/m3 | 0.0039 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.0067 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0014 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.012 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.0050 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |



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| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0035 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0016 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0030 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.021 | | ng/m3 | 0.0052 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.017 | | ng/m3 | 0.0052 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0016 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0019 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0031 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Lab ID: C124401-07

Station ID: J

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

| CAS Number | Analyte | Results- Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------------------|-------|--------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0017 | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0032 | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.0048 | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0026 U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.0059 | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.0026 U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0026 U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0020 | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0014 | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0025 | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.0013 U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.0018 | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0024 | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Lab ID: C124401-07

Station ID: J

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|------------|-------|--------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.30 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001156 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0) | 0.00014 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001157 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 0.00027 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00040 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001158 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0) | 4.1E-7 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001159 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 4.1E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 7.7E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001161 | TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2) | 8.7E-5 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001160 | TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0) | 1.1E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 0.00017 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 1.6 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 1336-36-3 | Total PCBs | 8.1 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 2.9 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |



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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

Lab ID: C124401-08

Station ID: J

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|----------|------------|-------|--------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 2.8 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.028 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.11 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.63 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0048 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0077 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.57 | | ng/m3 | 0.0035 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.011 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.051 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 1.0 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.022 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.21 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.14 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.81 | | ng/m3 | 0.014 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.074 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.16 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.088 | | ng/m3 | 0.035 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.028 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.0070 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.18 | | ng/m3 | 0.014 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.20 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.30 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.54 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.23 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.35 | | ng/m3 | 0.014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.20 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.11 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.0014 U | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

Lab ID: C124401-08

Station ID: J

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

| CAS Number | Analyte | Results - Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|----------------------|-------|--------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.014 U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.031 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.072 | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.061 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.32 | ng/m3 | 0.0071 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.14 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.0014 U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0028 U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.0028 U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.036 | ng/m3 | 0.014 | 10/29/12 | 11/12/12 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.0014 U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.0028 U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.063 J, QI-1 | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.017 J, QI-1 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.042 J, QI-1 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.010 J, QI-1 | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47-65 | 0.41 J, QI-1 | ng/m3 | 0.0042 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.14 J, QI-1 | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.022 J, QI-1 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.040 J, QI-1 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.13 J, QI-1 | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.050 J, QI-1 | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.27 J, QI-1 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0035 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.0021 J, QI-1 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.023 J, QI-1 | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.0014 J, QI-1 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.0014 U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.018 J, QI-1 | ng/m3 | 0.0042 | 10/29/12 | 11/12/12 | Contract SOW |



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Sample ID: JAA102412

Lab ID: C124401-08

Station ID: J

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|--------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.012 | J, QI-1 | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.10 | J, QI-1 | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0035 | U | ng/m3 | 0.0035 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.066 | J, QI-1 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.058 | J, QI-1 | ng/m3 | 0.0035 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0022 | J, QI-1 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.021 | J, QI-1 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.0098 | J, QI-1 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0030 | J, QI-1 | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0048 | | ng/m3 | 0.0035 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0028 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.018 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.0095 | | ng/m3 | 0.0042 | 10/29/12 | 11/12/12 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.036 | | ng/m3 | 0.0085 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.012 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.065 | | ng/m3 | 0.0042 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.015 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.071 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.0015 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0033 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

Lab ID: C124401-08

Station ID: J

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

| C4S Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|----------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.028 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.0035 | U | ng/m3 | 0.0035 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.010 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.045 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.025 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.023 | | ng/m3 | 0.0042 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0016 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.0087 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0018 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.013 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.0057 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

Lab ID: C124401-08

Station ID: J

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0043 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0018 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0040 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.026 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.022 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0021 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0020 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0035 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

Lab ID: C124401-08

Station ID: J

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0019 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0015 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0037 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.0055 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0030 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.0072 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0032 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0028 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0017 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0026 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.0022 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0024 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |



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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

Lab ID: C124401-08

Station ID: J

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|---|---------|------------|-------|--------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.34 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001156 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0) | 0.00015 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001157 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 0.00029 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00043 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001158 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0) | 4.7E-7 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001159 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 4.4E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 8.3E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001161 | TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2) | 9.3E-5 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001160 | TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0) | 1.4E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 0.00019 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 1.5 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 1336-36-3 | Total PCBs | 8.0 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 2.6 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |



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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102312

Lab ID: C124401-09

Station ID: J

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|----------|------------|-------|--------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 2.6 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.021 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.090 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.72 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0042 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0034 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.69 | | ng/m3 | 0.0035 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.0094 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.042 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.93 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.022 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.18 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.048 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.76 | | ng/m3 | 0.014 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.066 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.16 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.10 | | ng/m3 | 0.035 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.027 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.0028 U | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.20 | | ng/m3 | 0.014 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.20 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.30 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.55 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.24 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.42 | | ng/m3 | 0.014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.22 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.12 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.0014 U | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |



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Sample ID: JDAA102312

Lab ID: C124401-09

Station ID: J

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.010 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.032 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.081 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.067 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.40 | | ng/m3 | 0.0070 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.15 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.0018 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0030 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.042 | | ng/m3 | 0.014 | 10/29/12 | 11/12/12 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.083 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.020 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.054 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.014 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47.65 | 0.23 | | ng/m3 | 0.0042 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.083 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.025 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.053 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.16 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.066 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.31 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0038 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.0021 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.024 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62.75 | 0.021 | | ng/m3 | 0.0042 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102312

Lab ID: C124401-09

Station ID: J

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|--------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.013 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.11 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0035 | U | ng/m3 | 0.0035 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.084 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.065 | | ng/m3 | 0.0035 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0030 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.012 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0029 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0046 | | ng/m3 | 0.0035 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0026 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.018 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.0084 | | ng/m3 | 0.0042 | 10/29/12 | 11/12/12 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.031 | | ng/m3 | 0.0084 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.012 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.055 | | ng/m3 | 0.0042 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.011 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.068 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.0020 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0035 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |



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PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102312

Lab ID: C124401-09

Station ID: J

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.024 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.0035 | U | ng/m3 | 0.0035 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.0087 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.039 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.021 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.018 | | ng/m3 | 0.0042 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.0072 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0016 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.012 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.0054 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |



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PCB Aroclors

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Station ID: J

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| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0035 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0017 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0033 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.022 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.018 | | ng/m3 | 0.0056 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0017 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0018 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0032 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |



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|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0017 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0032 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.0049 | | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.0061 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0028 | U | ng/m3 | 0.0028 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0020 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0014 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0023 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.0014 | U | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.0016 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0028 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |



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|------------|---|---------|------------|-------|--------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.30 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001156 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0) | 0.00015 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001157 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 0.00029 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00043 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001158 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0) | 4.4E-7 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001159 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 4.3E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 8.3E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001161 | TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2) | 9.3E-5 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001160 | TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0) | 1.2E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 0.00018 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 1.6 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 1336-36-3 | Total PCBs | 8.1 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 2.9 | | ng/m3 | 0.0014 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102412

Lab ID: C124401-10

Station ID: J

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|----------|------------|-------|--------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 2.6 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.026 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.11 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.59 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0042 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0068 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.54 | | ng/m3 | 0.0033 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.0085 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.047 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.98 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.022 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.20 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.043 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.82 | | ng/m3 | 0.013 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.078 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.17 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.087 | | ng/m3 | 0.033 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.025 | | ng/m3 | 0.0052 | 10/29/12 | 11/12/12 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.0026 U | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.16 | | ng/m3 | 0.013 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.18 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.27 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.48 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.20 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.33 | | ng/m3 | 0.013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.19 | | ng/m3 | 0.0052 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.098 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.0013 U | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |



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PCB Aroclors

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Sample ID: JDAA102412

Lab ID: C124401-10

Station ID: J

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.010 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.026 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.067 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.059 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.32 | | ng/m3 | 0.0065 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.12 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.0014 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.034 | | ng/m3 | 0.013 | 10/29/12 | 11/12/12 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.061 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.015 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.041 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.011 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47,65 | 0.25 | | ng/m3 | 0.0039 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.075 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.020 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.039 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.13 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.050 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.26 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0032 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.0019 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.022 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.017 | | ng/m3 | 0.0039 | 10/29/12 | 11/12/12 | Contract SOW |



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Date Collected: 10/24/12 11:32

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|--------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.012 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.097 | | ng/m3 | 0.0052 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0033 | U | ng/m3 | 0.0033 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.062 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.056 | | ng/m3 | 0.0033 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0022 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.0033 | U, B-4 | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.0076 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0029 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0047 | | ng/m3 | 0.0033 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0026 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.017 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.0088 | | ng/m3 | 0.0039 | 10/29/12 | 11/12/12 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.033 | | ng/m3 | 0.0078 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.012 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.060 | | ng/m3 | 0.0039 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.012 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.066 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.0014 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0030 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |



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| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 38380-01-7 | PCB Congener # 99 | 0.027 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.0033 | U | ng/m3 | 0.0033 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.0098 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.042 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.024 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.022 | | ng/m3 | 0.0039 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0013 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.0083 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0016 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.012 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.0056 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |



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|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0041 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0016 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0035 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.025 | | ng/m3 | 0.0052 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-08-4 | PCB Congener #150 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.021 | | ng/m3 | 0.0052 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0021 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0018 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0034 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102412

Lab ID: C124401-10

Station ID: J

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0018 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0014 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0034 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.0050 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0029 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.0067 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.0026 | U | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0027 | | ng/m3 | 0.0026 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0026 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0015 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0022 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.0013 | U | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.0021 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0022 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102412

Lab ID: C124401-10

Station ID: J

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|--------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.32 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001156 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0) | 0.00014 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001157 | TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 0.00028 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00041 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001158 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0) | 4.6E-7 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001159 | TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2) | 4.1E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 7.8E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001161 | TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 1/2) | 8.7E-5 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8001160 | TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0) | 1.3E-6 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 0.00017 | | ng/m3 | | 10/29/12 | 11/12/12 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 1.2 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 1336-36-3 | Total PCBs | 7.3 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 2.4 | | ng/m3 | 0.0013 | 10/29/12 | 11/12/12 | Contract SOW |

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APPENDIX E

FIELD LOGBOOK

(22 pages)

US EPA Region 4
AMBIENT AIR PCB STUDY

Anniston, Alabama

SESD Project Identification Number: 12-0589

September 2012

13-0036

10/23/12

PCB AIR SAMPLING LOGBOOK

LOGBOOK 1 OF 1

DATES: 10/23/12 THRU: 10/25/12



List of personnel in logbook:

| Name | Initials | Organization/Duties |
|-------------------------|--------------------|--|
| <u>Tim Slayle</u> | <u>[Signature]</u> | <u>EPA / Sampler</u> , Team Leader |
| <u>Brian P. Herndon</u> | <u>BH</u> | <u>R4ESAT / ILS - Field Support, Sample Processing</u> |
| <u>Dan Fortson</u> | <u>DF</u> | <u>R4ESAT / Sampler</u> |
| | | |
| | | |
| | | |
| | | |

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Station I.D. Field Blank Sample I.D. FB102312
~~#R4DART#~~

Site AIRS ID # NA

GPS Location NA

* Site Description placed in SVOC Sampler R4-P-010

SVOC Sampler ID # R4-P-010 Site Operator TS, DF, BN

Orifice # NA Digital Manometer # NA

Pressure Std # NA Temperature Std # NA

Start Date 10/23/12 Start Time 09:16

Stop Date 10/23/12 Stop Time 09:16

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp, m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | 2443.36 | NA | NA | NA | |
| End | 2443.36 | | | | |
| Average | | | | | |

Hours

Total Collection Time (minutes) NA

Total Collection Volume (stp, m³) NA

Cartridge # 76631

* FB collected before ambient sampling.

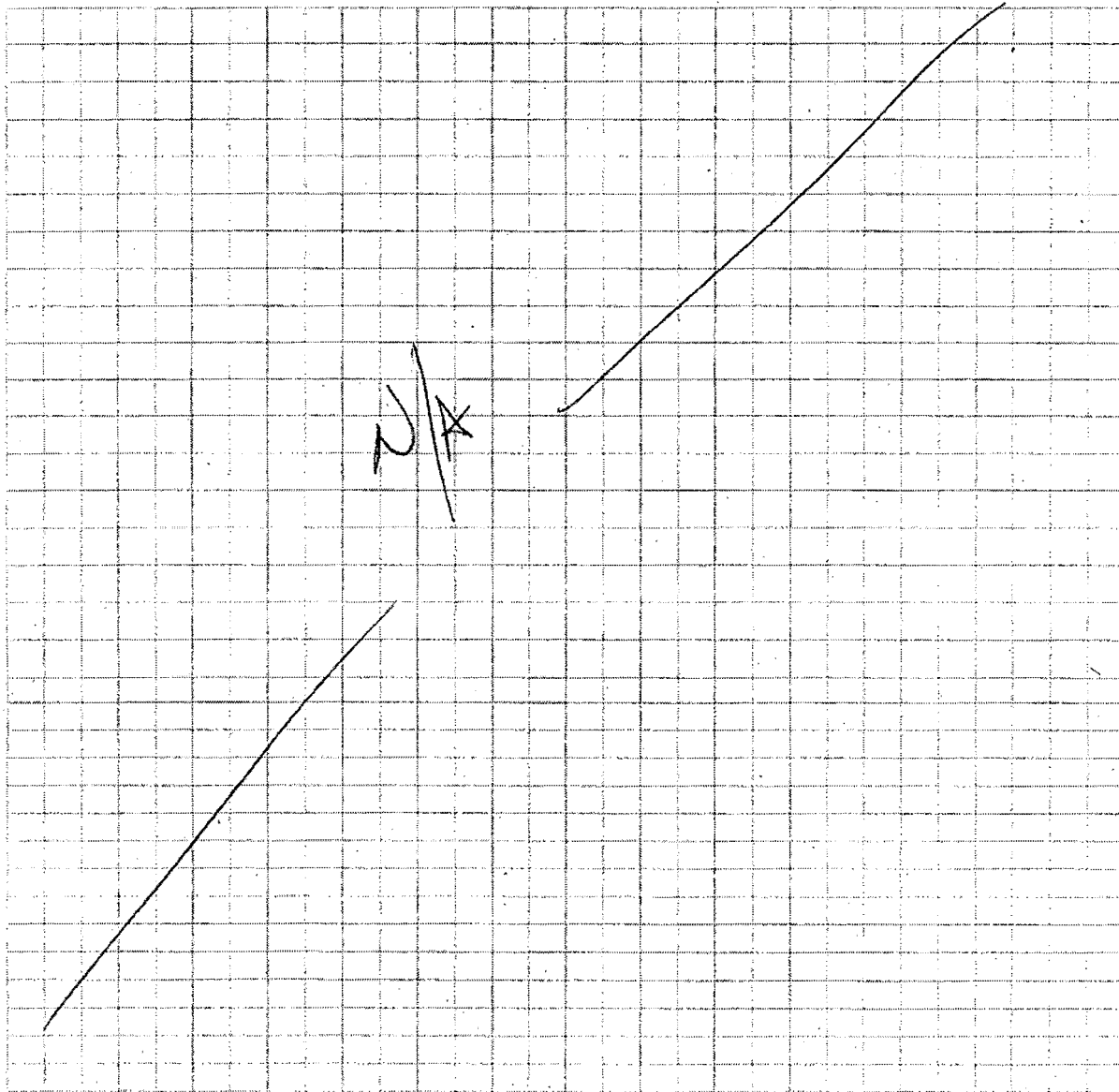
Continued next page

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Continuation of field record for sample

FB102312

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

10/23/12

US EPA Region 4 AMBIENT AIR PCB STUDY

Anniston, Alabama

SESD Project Identification Number: 12-0589

September 2012

Station I.D. I Sample I.D. IAA 102312

Site AIRS ID # NA

GPS Location 33.64780° N, -85.86642° W ± 17 ft

Site Description 300 Parker St. - Ms. Scruggs Property

SVOC Sampler ID # R4-P-010 Site Operator BD, TS, DF

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

Start Date 10/23/12 Start Time 09:40
Stop Date 10/24/12 Stop Time 08:49 09:41 10/24/12
24 hours actual (minute)

| | Elapsed Time | Temperature (°C) | Barometric (mm.Hg) | Manometer (in H ₂ O) | Flowrate (stp. m ³ /minute) |
|---------|--------------|------------------|--------------------|---------------------------------|--|
| Start | 2443.36 | 20.1°C | 746.08 | 1.75 | 0.128 |
| End | 2466 | 19.3°C | 745.46 | 1.64 | |
| Average | | | | | |

See
Page 5 for
Bad data.

Total Collection Time (minutes) 24(60) + 1 = 1441 min.

Total Collection Volume (stp, m³) 177.7 m³

1.75" H₂O
20.1
- .4
19.7°C

start Manometer = 20" H₂O
stop " = 17.5" H₂O

Continued next page

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Continuation of field record for sample IAA102312

Other Notes/Sketch (Include North and Scale)

Original 8:49 end time data not counted. Project leader wanted to get sample duration closer to 24 hrs to increase sample volume.

| End. | Elapsed time | Temp °C | Barometric (mmHg) | Manometer (in H ₂ O) |
|------|--------------|---------|-------------------|---------------------------------|
| | 2467.83 | 24.5 | 745.73 | 1.51-1.55 |

stop time: 0941

BN
10/24/12

Using cell phone time of 1441 minutes

| | Elapsed time | Temp °C | Baro. mmHg | Manometer | Flow rate |
|-------|--------------|---------|------------|-----------|---------------------------|
| start | 0 | 19.7 | 746.08 | 1.75 | 0.128 m ³ /min |
| end | 1441 | 24.5 | 745.73 | 1.55 | 0.119 m ³ /min |
| Avg | | 22.1 | 745.905 | 1.65 | 0.123 |

Total Collection time 1441 minutes

Total Collection Volume 177.7 m³

Site Map on page 13

Sample Team Leader/Sampler Signature/Date

Station I.D. WestPace Sample I.D. WestPace

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Station
 Site-AIRS-ID # F Sample ID: FAA102312

GPS Location N 33.65977°, W-85.84571° ± 18 ft

Site Description Stephens Ave + West 12th St. Small Creek District Operation Center

SVOC Sampler ID # S15683 Site Operator TS, DF, BL

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 026807-08

Start Date 10/23/12 Start Time 10:25
 Stop Date 10/24/12 Stop Time 10:17 \Rightarrow 23 hours 52 min

Using
 cell
 factor time
 0
 1432

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp. m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | 0.36 hrs | 20.1 | 747.86 | 1.55 | 0.120 |
| End | 24.79 | 24.2 | 747.39 | 1.33 | 0.110 |
| Average | | 22.15 | 747.625 | 1.44 | 0.115 |

Total Collection Time (minutes) 23(60) + 52 = 1432

Total Collection Volume (stp, m³) 164.5 m³

Start: Magnabellie 18.5
 End: Magnabellie 19

Continued next page

US EPA Region 4
AMBIENT AIR PCB STUDY

Anniston, Alabama

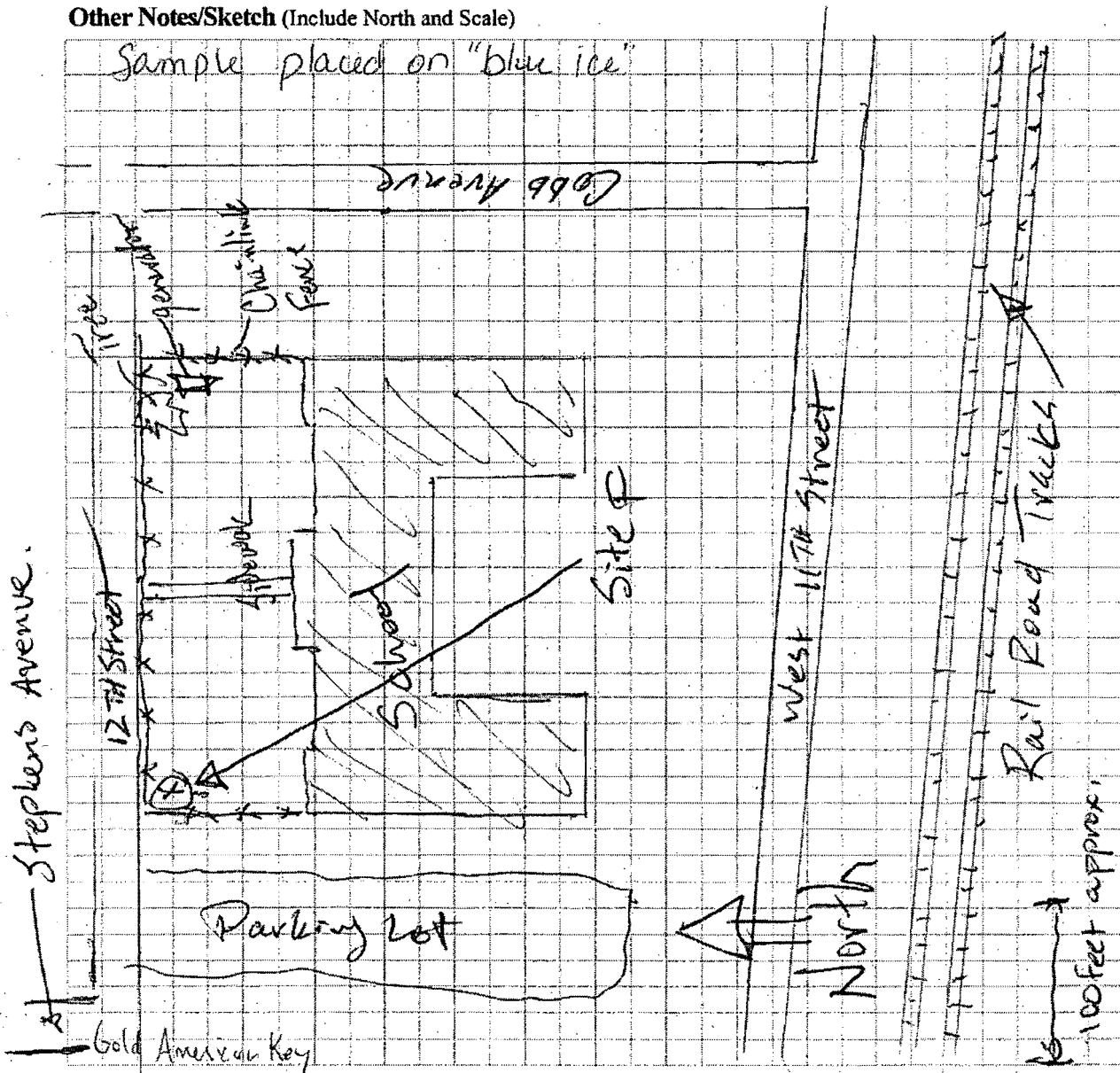
SESD Project Identification Number: 12-0589

September 2012

Continuation of field record for sample FAA 102312

Other Notes/Sketch (Include North and Scale)

Sample placed on "blue ice"



Sample Team Leader/Sampler Signature/Date

[Signature] 10/24/12

US EPA Region 4 AMBIENT AIR PCB STUDY

Anniston, Alabama

SESD Project Identification Number: 12-0589

September 2012

Station I.D. J Sample I.D. JAA102312

Site AIRS ID # NA

GPS Location 33.65582°N, -85.85396°W ± 12 ft

Site Description West 10th & Parkview Ave. Solertia Property

SVOC Sampler ID # R4-P-004 Site Operator TS, DF, BH

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

Start Date 10/23/12 Start Time 11:15
Stop Date 10/24/12 Stop Time 11:13 $\Rightarrow 23 \text{ hours } 58 \text{ min}$

*Using
cell
PACAL time
0
1438 min.*

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp. m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | 1821.35 hrs | 24.1 | 746.85 | 1.25 1.25 | 0.106 |
| End | 1845.81 hrs | 27.6 | 746.44 | 1.27 | 0.106 |
| Average | | 25.85 | 746.645 | 1.26 | 0.106 |

Total Collection Time (minutes) $\overset{23}{\text{added}} \text{ } 23(60) + 58 = 1438$

Total Collection Volume (stp, m³) 152.8 m³

Magnehalic start: 18" H₂O

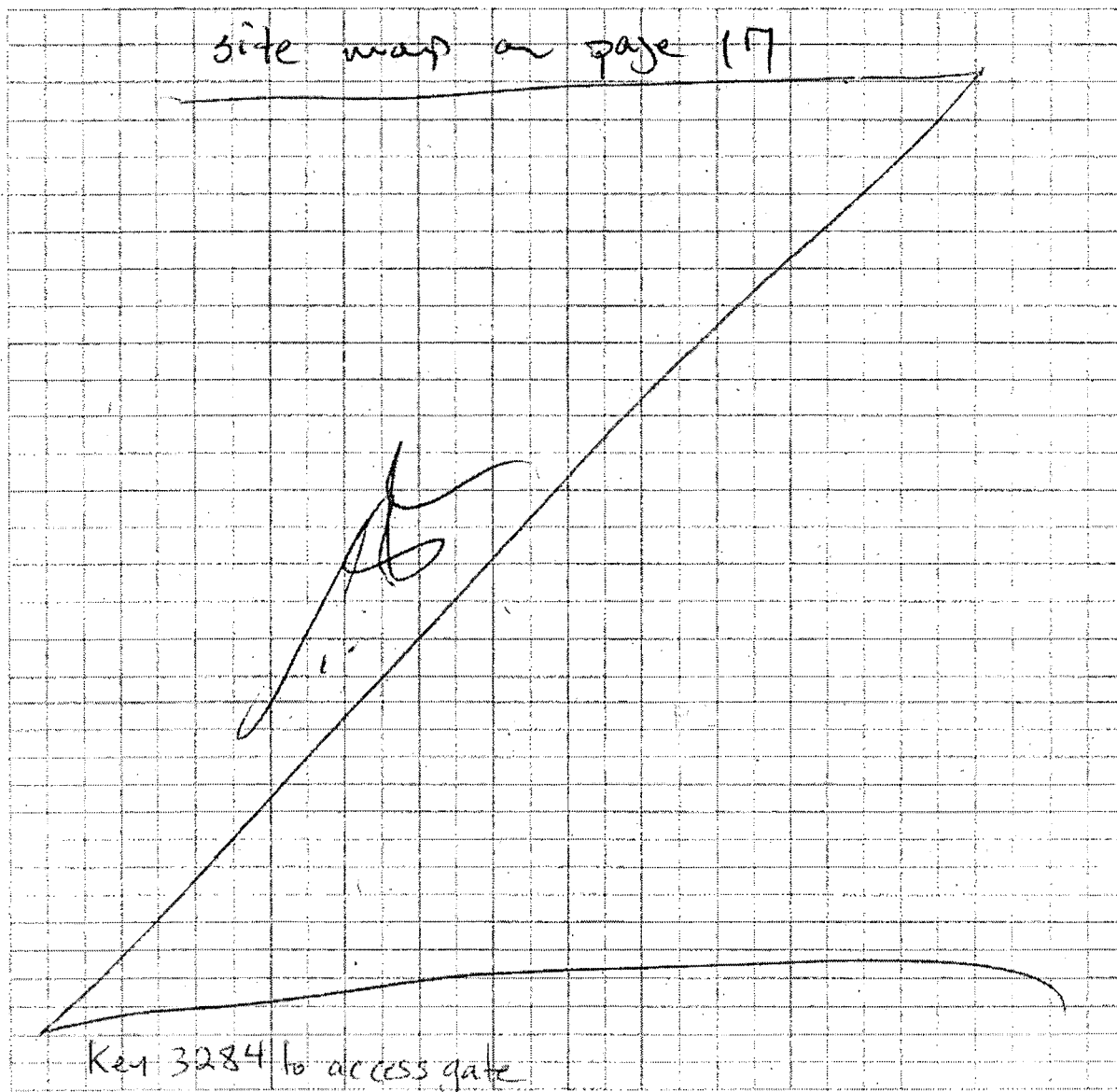
Magnehalic stop: 16.5" H₂O

Continued next page

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Continuation of field record for sample JAN102312

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

[Signature] 10/24/12

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Station I.D. JD Sample I.D. JDAA102312

Site AIRS ID # NA

GPS Location see page 8

Site Description West 10th & Parkview Ave Solihump Collocated Duplicate

SVOC Sampler ID # 84-P-005 Site Operator TS, DE, BH

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

Start Date 10/23/12 Start Time 11:15

Stop Date 10/24/12 Stop Time 11:13

*Using Cell
phone time*

*0
1438*

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp. m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | 465.86 hrs | 24.1 | 746.85 | 1.15 | 0.102 |
| End | 490.27 hrs | 27.6 | 746.44 | 1.06 | 0.097 |
| Average | | 25.85 | 746.645 | 1.105 | 0.099 |

Total Collection Time (minutes) 23(60) + 58 = 1438

Total Collection Volume (stp, m³) 142.4 m³

Magnahelic start: 19" H₂C

Magnahelic stop: 18

Continued next page

US EPA Region 4
AMBIENT AIR PCB STUDY

Anniston, Alabama

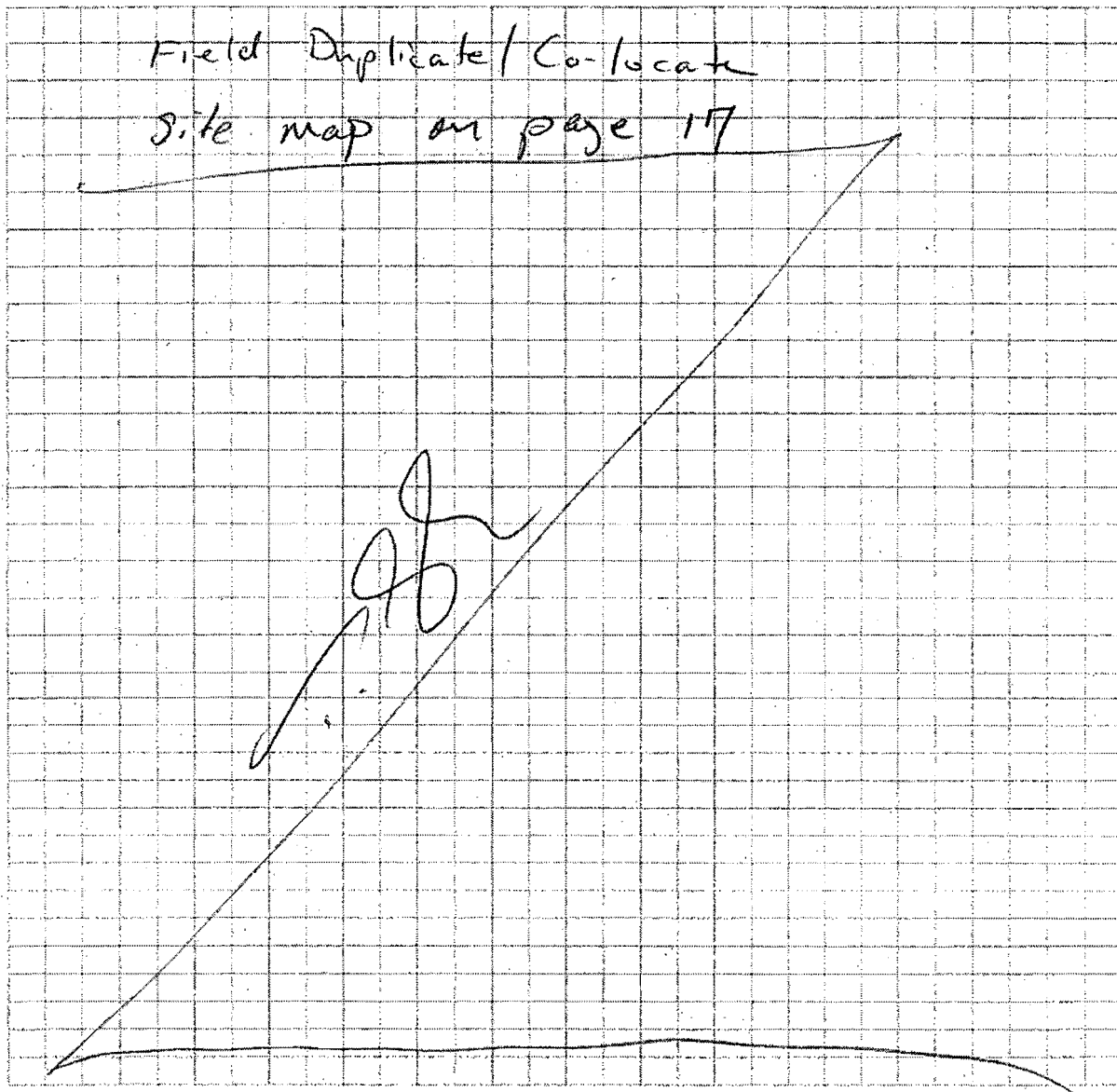
SESD Project Identification Number: 12-0589

September 2012

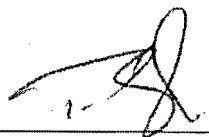
Continuation of field record for sample **JDAA102312**

Other Notes/Sketch (Include North and Scale)

Field Duplicate / Co-locate
Site map on page 17



Sample Team Leader/Sampler Signature/Date

 10/24/12

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Station I.D. I Sample I.D. IAA102412

Site AIRS ID # NA

GPS Location see page 4

Site Description see page 4

SVOC Sampler ID # R4-P-010 Site Operator TS, BA, DF

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

Start Date 10/24/12 Start Time 09:56 *cell phone time*
 Stop Date 10/25/12 Stop Time 09:56 *24 hours*

using cell phone time
 0
 1440 min

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp. m ³ /minute) |
|---------|--------------|------------------|--------------------|---------------------------------|--|
| Start | 2467.83 | 24.5 | 745.70 | 1.70 | 0.125 |
| End | 2491.99 | 22.9 | 743.56 | 1.56 | 0.119 |
| Average | | 24.25 | 744.63 | 1.63 | 0.122 |

Total Collection Time (minutes) 24(60) 1440

Total Collection Volume (stp, m³) 175.6 m³

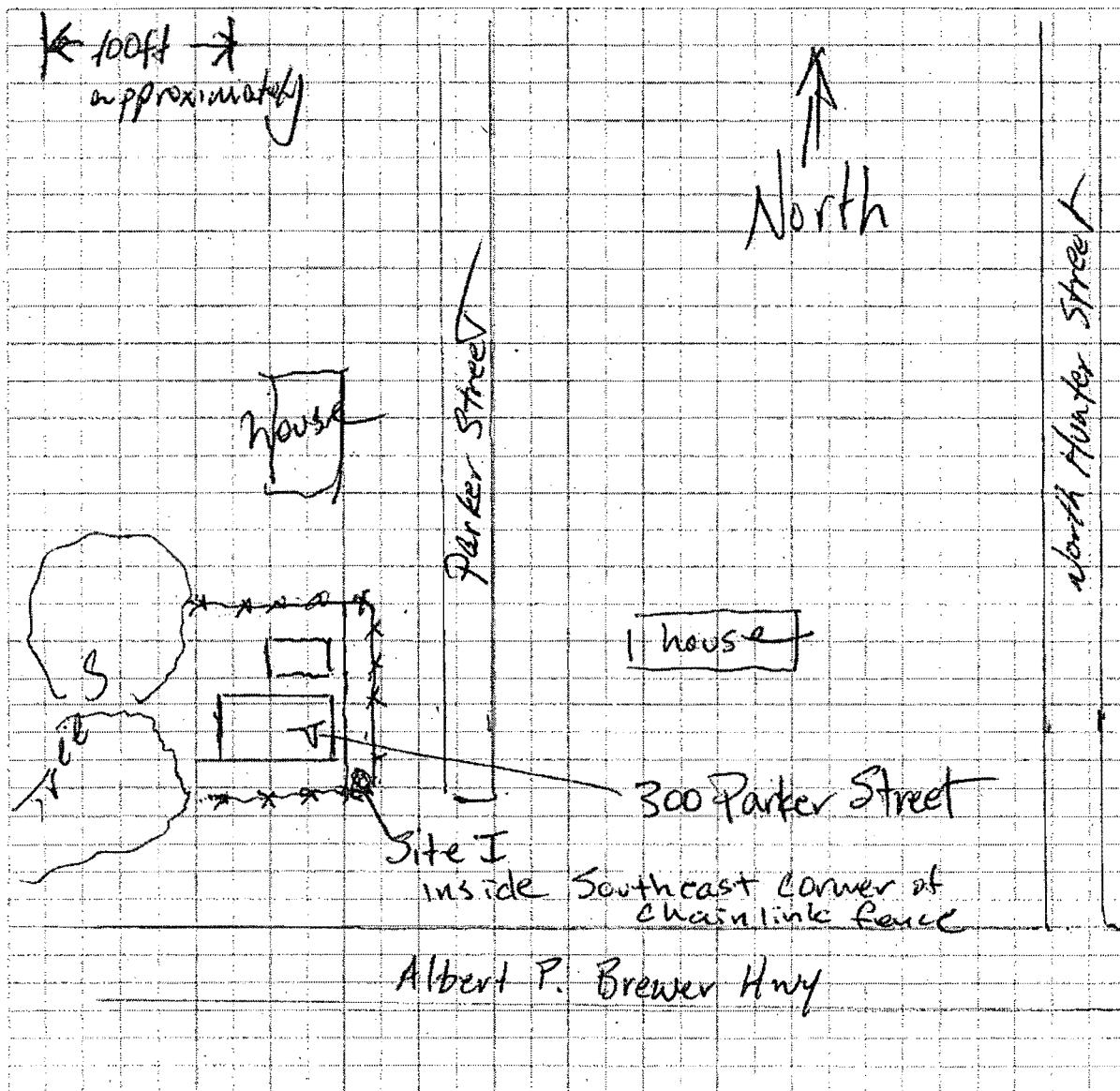
start Magnahelic : 18.5" H₂O
 stop " : 17.5" H₂O

Continued next page

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Continuation of field record for sample IAA102412

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

[Signature] 10/25/12

**US EPA Region 4
AMBIENT AIR PCB STUDY**

Anniston, Alabama

SESD Project Identification Number: 12-0589

September 2012

Station I.D. F Sample I.D. FAA 102412

Site AIRS ID # N/A

GPS Location See p.6

Site Description See p.6

SVOC Sampler ID # S15683 Site Operator TS, BH, DF

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

.....
cell phone time

Start Date 10/24/12 Start Time 10:30 = 24 hours

Stop Date 10/25/12 Stop Time 10:30

using
cell phone
time

1440 min

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp. m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | 24.79 hrs | 25.0 | 747.39 | 1.31 | 0.109 |
| End | 49.34 hrs | 23.7 | 745.35 | 1.31 | 0.109 |
| Average | | 24.35 | 746.37 | 1.31 | 0.109 |

.....
Total Collection Time (minutes) 24(60) = 1440

Total Collection Volume (stp, m³) 156.6 m³

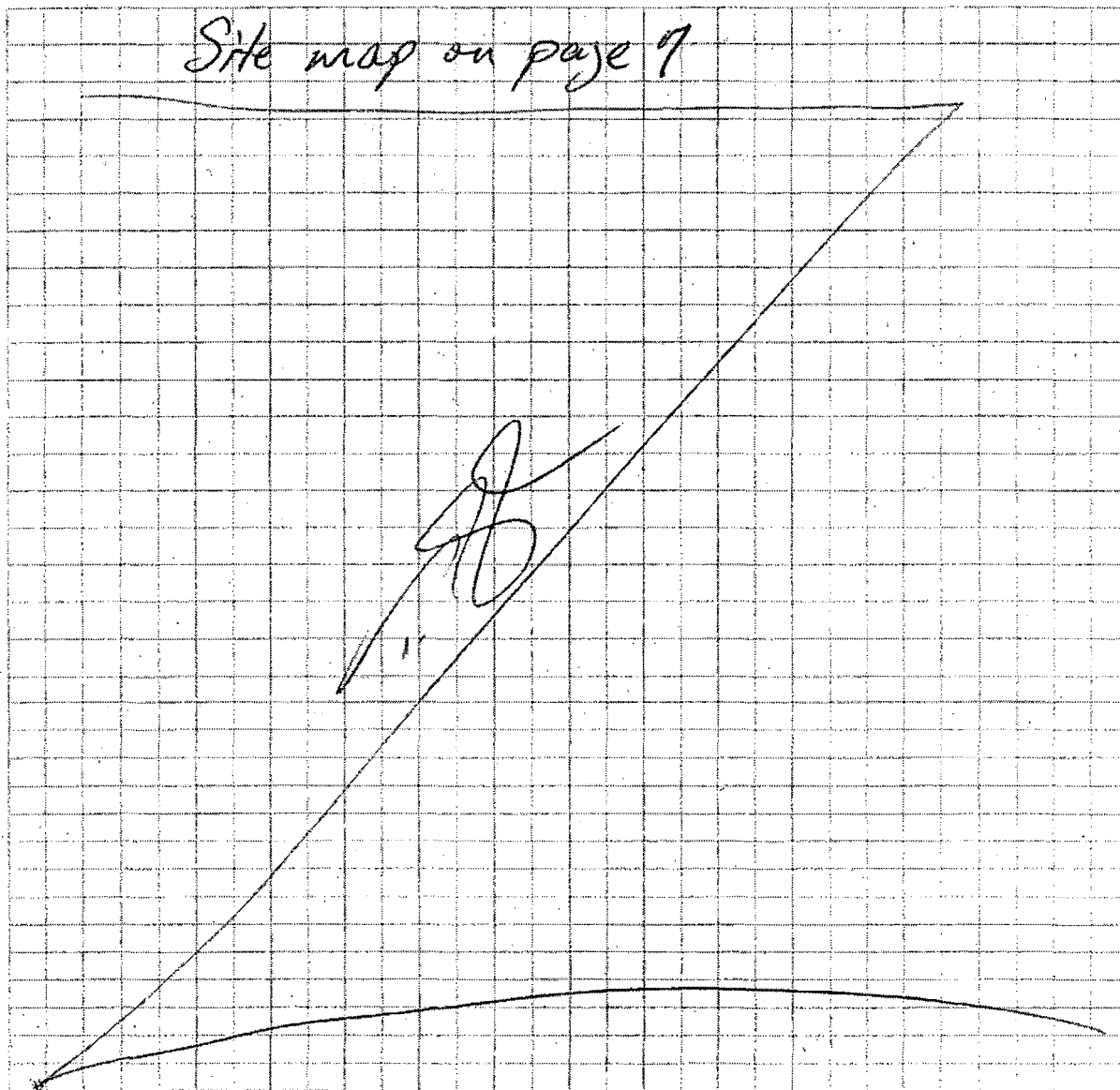
Magnehelic start: 17 inches of H₂O
Magnehelic end: 13 "H₂O

Continued next page

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Continuation of field record for sample **FAA 102412**

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

[Signature] 10/25/12

US EPA Region 4 AMBIENT AIR PCB STUDY

Anniston, Alabama

SESD Project Identification Number: 12-0589

September 2012

Station I.D. J Sample I.D. JAA102412

Site AIRS ID # NA

GPS Location See page 8

Site Description See page 8

SVOC Sampler ID # R4-P-004 Site Operator TS, DF, BH

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

..... Cell phone time

Start Date 10/24/12 Start Time 11:32
Stop Date 10/25/12 Stop Time 11:32 \Rightarrow 24 hours

cell phone
time

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (std. m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | 1845.81 | 29.8 | 746.60 | 1.13 | 0.100 |
| End | 1870.35 | 26.9 | 744.41 | 1.08 | 0.097 |
| Average | | 28.35 | 745.505 | 1.105 | 0.099 |

0
1440 min

Total Collection Time (minutes) 24(60) = 1440

Total Collection Volume (stp, m³) 141.8 m³

start magnehelic = 18 " H₂O
stop magnehelic = 15 " H₂O

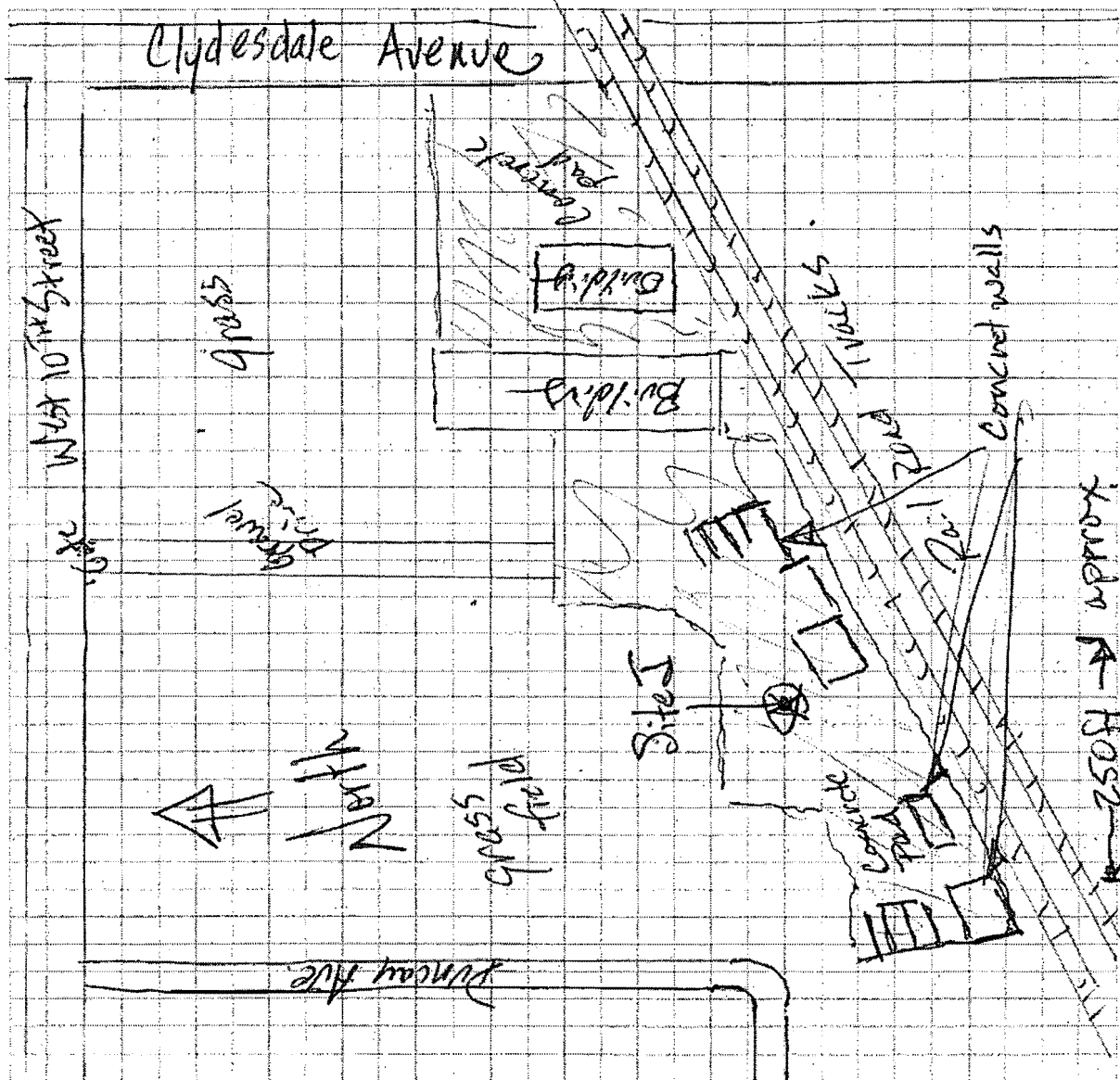
Continued next page

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Continuation of field record for sample

JAA102412

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

[Signature] 10/25/12

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Station I.D. J Sample I.D. JDAA102412

Site AIRS ID # NA

GPS Location See page 8

Site Description See page 8

SVOC Sampler ID # P4-P-005 Site Operator TS, DF, BH

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

..... cell phone time

Start Date 10/24/12 Start Time 11:32 \Rightarrow 24 hours
 Stop Date 10/25/12 Stop Time 11:32

cell phone time
 0
 1440 min

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp, m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | 490.27 hrs | 29.8 | 746.60 | 1.22 | 0.104 |
| End | 514.82 hrs | 26.9 | 744.41 | 1.33 | 0.109 |
| Average | | 28.35 | 745.505 | 1.275 | 0.106 |

.....

Total Collection Time (minutes) 24(60) = 1440

Total Collection Volume (stp, m³) 153.1 m³

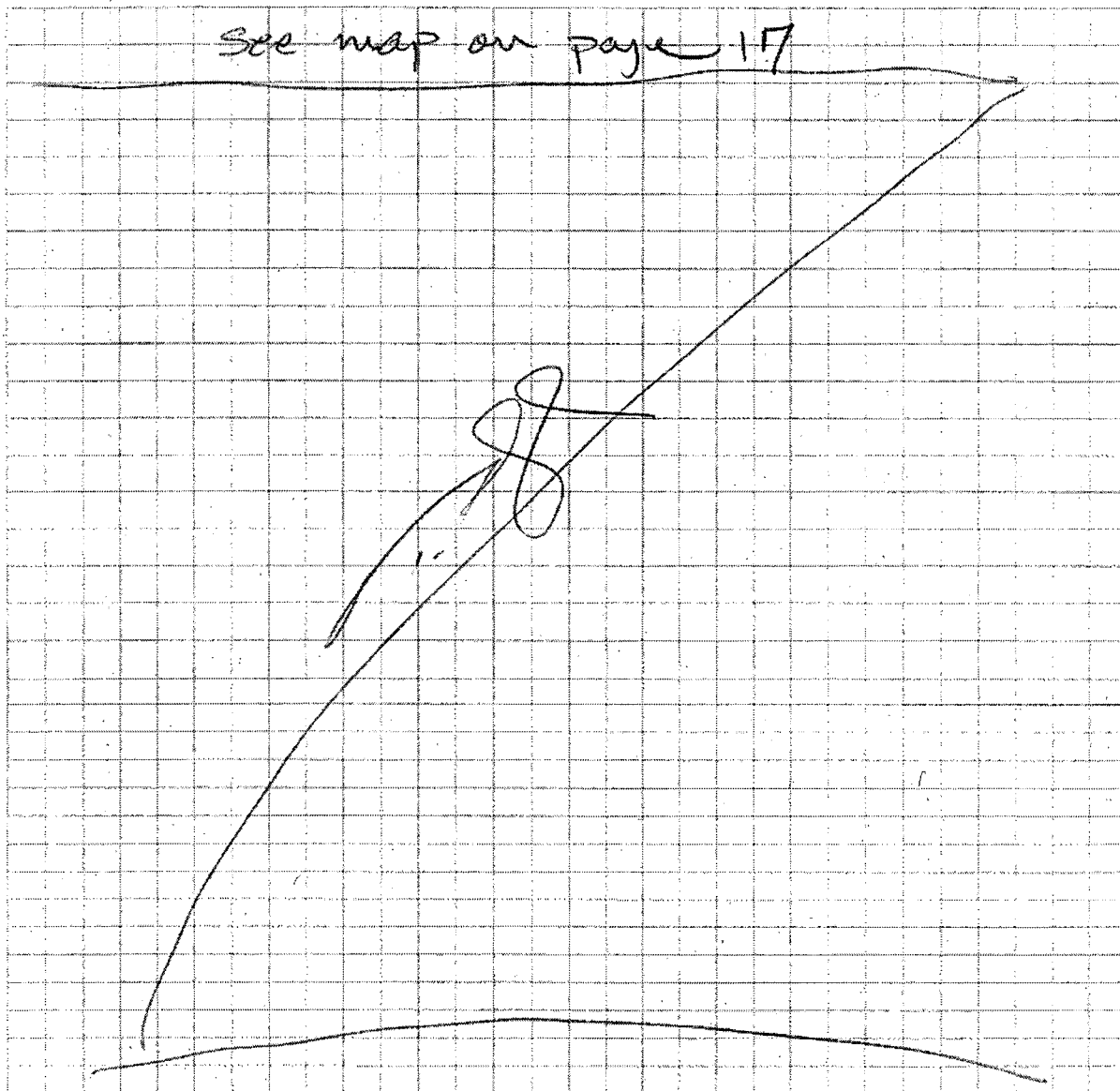
Start Magnehelic = 18" H₂O
 stop Magnehelic = 15" H₂O

Continued next page

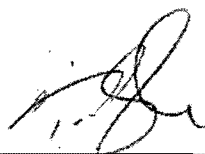
US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Continuation of field record for sample JDAA1024/2

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

 10/25/12

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Station I.D. # R4DART# Sample I.D. FB102412

Site AIRS ID # NA

GPS Location NA

* Site Description Placed into ^{QF102412} sampler R4-P-010 at station I

SVOC Sampler ID # R4-P-010 Site Operator TS, DF, BN

Orifice # NA Digital Manometer # NA

Pressure Std # NA Temperature Std # NA

Start Date 10/24/12 Start Time 11:49

Stop Date 10/24/12 Stop Time 11:49

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp. m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | | | | | |
| End | | <u>NA</u> | <u>NA</u> | <u>NA</u> | |
| Average | | | | | |

Total Collection Time (minutes) 0

Total Collection Volume (stp. m³) 0

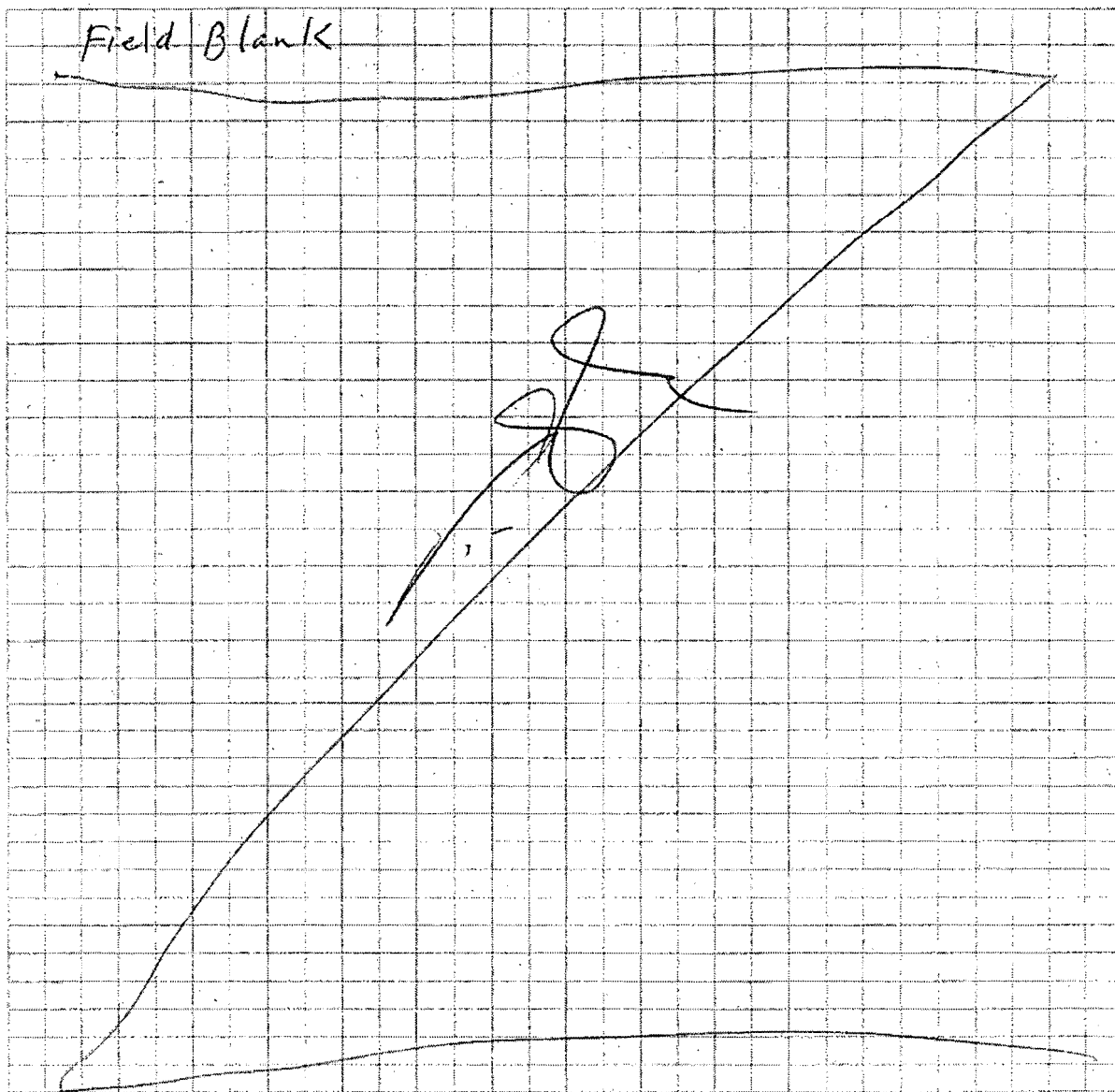
* Cartridge not placed in sampler to avoid potential contamination from one day of ambient sampling.

Continued next page

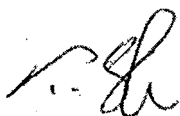
US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 12-0589
September 2012

Continuation of field record for sample FB102412

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

 10/25/12

US EPA Region 4
AMBIENT AIR PCB STUDY

Anniston, Alabama

SESD Project Identification Number: 12-0589

September 2012

Station I.D. _____ Sample I.D. _____

Site AIRS ID # _____

GPS Location _____

Site Description _____

SVOC Sampler ID # _____ Site Operator _____

Orifice # _____ Digital Manometer # _____

Pressure Std # _____ Temperature Std # _____

Start Date _____ Start Time _____

Stop Date _____ Stop Time _____

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp, m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | | | | | |
| End | | | | | |
| Average | | | | | |

Total Collection Time (minutes) _____

Total Collection Volume (stp, m³) _____

End of Report

Continued next page

Scully, Pam

From: Scully, Pam
Sent: Monday, October 06, 2014 10:36 AM
To: Community Advisory Group
Subject: Fw: REPORT for Anniston PCB Air Study, June 2013
Attachments: REPORT Anniston 2013 PCB Air Study.pdf

Follow Up Flag: Follow up
Flag Status: Completed

From: Scully, Pam
Sent: Wednesday, November 6, 2013 2:08 PM
To: Community Advisory Group
Subject: FW: REPORT for Anniston PCB Air Study, June 2013

Cindy,


I forwarded this report to ATSDR on October 23, 2013, and asked them to contact the CAG directly to set up a meeting about PCB concentrations in air. The maximum concentrations detected in June was lower than the maximum detected October last year, so ATSDR may not produce another written report.

Pam

From: Slagle, Tim
Sent: Wednesday, October 23, 2013 11:02 AM
To: Scully, Pam
Cc: Ackerman, Laura; Tanksley, Jelene
Subject: REPORT for Anniston PCB Air Study, June 2013


Hi Pam

Attached is the Anniston PCB Air Study Report that was conducted in Anniston, Alabama, June 25-27, 2013. If you have

any questions concerning the report or sampling investigation, please call me at (706) 355-8741  or e-mail me at Slagle.Tim@epa.gov.

Thanks

Tim Slagle
United States Environmental Protection Agency
Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605

office phone 706-355-8741 



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4**

Science and Ecosystem Support Division
Enforcement and Investigations Branch
980 College Station Road
Athens, Georgia 30605-2720

October 23, 2013

4SESD-EIB

MEMORANDUM

SUBJECT: Anniston PCB Air Study
Anniston, Alabama
SESD Project # 13-0063

FROM: Tim Slagle
Superfund and Air Section

THRU: Laura Ackerman, Chief
Superfund and Air Section

TO: Pamela J. Langston Scully, Remedial Project Manager
Superfund Division
Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, Georgia 30303-8960

Handwritten signatures of Tim Slagle and Laura Ackerman.

Attached is the Anniston PCB Air Study Report that was conducted in Anniston, Alabama, June 25-27, 2013. If you have any questions concerning the report or sampling investigation, please call me at (706) 355-8741 or e-mail me at Slagle.Tim@epa.gov.

**United States Environmental Protection Agency
Region 4**

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720



**Report
Anniston PCB Air Study
Anniston, Calhoun County, Alabama
June 25-27, 2013**

SESD Project Identification Number: 13-0063

Requestor: Pamela J. Langston Scully,
Remedial Project Manager
Superfund Division
USEPA
61 Forsyth St. SW
Atlanta, Georgia 30303-8960

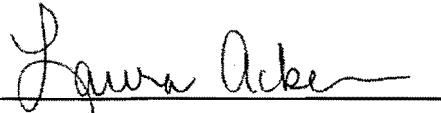
SESD Project Leader: Tim Slagle
Enforcement and Investigations Branch
USEPA
980 College Station Road
Athens, Georgia 30605-2720

Title and Approval Sheet

Title: Report, Anniston PCB Air Study
Anniston, Calhoun County, Alabama

Document Type: Investigation Final Report

Approving Official:

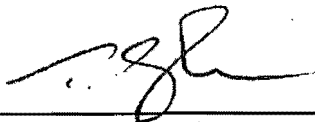


Laura Ackerman, Chief
Superfund and Air Section
Enforcement and Investigations Branch

10/23/13

Date

SESD Project Leader:



Tim Slagle, Regional Expert
Superfund and Air Section
Enforcement and Investigations Branch

Oct 23, 2013

Date

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**Anniston PCB Air Study
Anniston, Alabama
June 25-27, 2013**

INTRODUCTION

On June 25-27, 2013, Tim Slagle, US EPA, Region 4, Science and Ecosystem Support Division (SESD), along with Don Fortson and Brian Herndon Integrated Laboratory Systems (ILS), collected ambient air samples from properties around the Solutia Superfund Site located in Anniston, Alabama. The investigation was requested by Pamela J. Langston Scully, Remedial Project Manager (RPM), Superfund Division, Region 4 USEPA, 61 Forsyth St., SW, Atlanta, GA 30303-8909.

BACKGROUND

Site Description

The city of Anniston, Alabama is located at approximately 33.66° North latitude and -85.83° West longitude (decimal degrees) in Calhoun County. The Solutia facility is located at 702 Clydesdale Avenue, Anniston, AL 36201 approximately 33.65° North latitude and -85.85° West longitude.

Site History

The Anniston Polychlorinated Biphenyl (PCB) Site consists of residential and commercial properties located in and around Anniston, Calhoun County, Alabama. The Site is being investigated for PCBs and other contaminants by the U.S. Environmental Protection Agency (EPA). Previous site investigations by the Alabama Department of Public Health (ADPH), the Alabama Department of Environmental Management (ADEM), the Agency for Toxic Substances and Disease Registry (ATSDR), and EPA Region 4 have shown that PCB contamination is present in the Anniston area.

The Solutia facility in Anniston, Alabama, is one of two facilities in the United States that produced PCBs (Aroclors). PCB production ceased in 1971 in Anniston. The Solutia Anniston plant occupies 70 acres of land, about 1 mile west of downtown Anniston. The site is bounded to the north by the Norfolk Southern and Erie railroads, east and west by residential properties, and south by U.S. Highway 202. The Solutia facility includes two landfills which received PCB waste material.

The facility is regulated under the Alabama Hazardous Waste Management and Minimization Act (HWMMA). EPA has authorized ADEM to implement the Resource Conservation and Recovery Act (RCRA) through the HWMMA in lieu of the federal RCRA program. Through investigations initiated under the RCRA program, EPA and ADEM have determined that the Solutia facility, the adjacent community, and the drainage ditches exiting the property as well as the downstream waterways (Snow Creek, Choccolocco Creek, and the Coosa River-Lake Logan Martin) are contaminated with PCBs.

Solutia has conducted investigations of the facility and adjacent community and has instituted interim measures toward eliminating further releases and minimizing human exposure.

Pollutants and Potential Sources

A **polychlorinated biphenyl (PCB)** is any of the 209 configurations of organochlorides with 1 to 10 chlorine atoms attached to biphenyl, which is a molecule composed of two benzene rings. The chemical formula for a PCB is $C_{12}H_{10-x}Cl_x$ (where x equals the number of chlorine atoms).

PCBs were widely used as dielectric and coolant fluids, for example in transformers, capacitors, and electric motors. Due to PCBs' environmental toxicity and classification as a persistent organic pollutant, PCB production was banned by the United States Congress in 1979.

PCB Congeners

A PCB congener is any single, unique well-defined chemical compound in the PCB category. The name of a congener specifies the total number of chlorine substituents and the position of each chlorine atom. For example: 4,4'-Dichlorobiphenyl is a congener comprising the biphenyl structure with two chlorine substituents, one on each of the #4 carbons of the two rings. In 1980, a numbering system was developed which assigned a sequential number to each of the 209 PCB congeners.

PCB Homologs

Homologs are subcategories of PCB congeners having equal numbers of chlorine substituents. For example, the tetrachlorobiphenyls are all PCB congeners with exactly 4 chlorine substituents that may be in any arrangement (Table 2).

Although there have been several areas throughout the city of Anniston contaminated with PCBs and subsequently remediated, the community is concerned that PCB concentrations that may be present in the ambient air.

OBJECTIVE

The overall goal of this effort was to collect data of sufficient quality and quantity to determine if Anniston residents in the study area are being exposed to PCB concentrations in the ambient air at levels that may pose a potential health hazard. The PCB data collected has been summarized into homolog concentrations at the request of US EPA Region 4 Human Health Risk Assessors to compare the data collected in this study with data from previous studies.

This air study is the second study in a series of two requested by Pam Scully. The first study was conducted in October of 2012. The data from the two studies will be used by Regional Health Assessors to determine if seasonal variations in the climate cause the ambient air concentrations to pose a potential health risk to residents in the affected area.

SAMPLING DESIGN

SESD used an authoritative sampling design to collect ambient air samples to satisfy the data quality objectives of the study. Three sampling stations (F, I, and J) were selected for sampling by Tim Slagle and Pamela Langston Scully, US EPA Region 4 for the October 2012 air study. These same locations

were used for this air study and are listed in Table 1 and designated by yellow push pins on the site map (Appendix A; Figure 1).

Table 1
Air Sample Station Locations

| Station ID | Location | Latitude | Longitude |
|---------------------|---|------------|-------------|
| F | Stephens Avenue & West 12 th Street on Solutia property | 33.65977° | -85.84371° |
| I | 300 Parker Street | 33.64780° | -85.86642° |
| J | West 10th Street & Parkwin Avenue on Solutia property | 33.65582° | -85.85396° |
| Meteorological Site | Clydesdale Avenue & West 7 th Street on Solutia property | 33.653213° | -85.853138° |

On June 24, 2013, SESD established air sampling stations at each of the locations in Table 1. A duplicate monitoring site was located at Station J (Appendix B; Photo #3). The sample collection was conducted over a period of 3 consecutive days. The samples were collected over 2 nominal 24-hour periods. The sampling stations were selected to ascertain ambient air concentrations of PCBs that may be emanating from the Solutia Site into the surrounding neighborhoods.

To allow for a more complete understanding of the meteorological conditions associated with pollutant concentrations, wind speed and wind direction, were collected from a temporary meteorological station located at the intersection of Clydesdale Avenue and West 7th Street on Solutia property near the entrance to the facility (Appendix B; Photo #4), which is marked by a blue triangle in Figure 1.

INVESTIGATION METHODOLOGY

Task Description

SESD personnel collected ten 24-hour air samples during this investigation. The air samples were collected in accordance with *US EPA Compendium Method TO-4A Determination of Pesticides and Polychlorinated Biphenyls in Ambient Air Using High Volume Polyurethane Foam (PUF) Sampling Followed by Gas Chromatographic/Multi-Detector Detection (GC/MD)* and shipped to a contract lab for PCB analysis.

Ambient Air Sampling Procedure:

SESD collected ten 24-hour ambient air samples including Quality Assurance/Quality Control (QA/QC) samples. Analysis of the air samples for PCB Homologues was conducted by a CLP laboratory in accordance with *US EPA Compendium Method TO-4A Determination of Pesticides and Polychlorinated Biphenyls in Ambient Air Using High Volume Polyurethane Foam (PUF) Sampling Followed by Gas Chromatographic/Multi-Detector Detection (GC/MD)* and *EPA Method 1668B Chlorinated Biphenyl Congeners in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS* November 2008. Laboratory QA/QC procedures were conducted in accordance with the guidelines incorporated in the analytical methods.

Sample custody was maintained by SESD until samples were shipped to the Contract Laboratory Program (CLP) laboratory for analysis. All samples were collected and handled in accordance with the EPA Region 4 *SESD Field Branches Quality System and Technical Procedures*. The following specific

procedures were used during sample collection for all direct field measurements and sampling activities:

SESDPROC-303-R4 Ambient Air Sampling
 SESDPROC-110-R3 Global Positioning System (GPS)
 SESDPROC-005-R2 Sample and Evidence Management
 SESDPROC-010-R5 Log Books
 SESDPROC-205-R2, Field Equipment Cleaning and Decontamination
 SESDPROC-209-R2, Packing, Marking, Labeling and Shipping of Environmental and Waste Samples

SAMPLE IDENTIFICATION PROTOCOLS:

The air sampling Station IDs that were used for this investigation are listed in Table 1. The individual Sample IDs began with the Station-ID and was followed by matrix identifier; AA for ambient air or FB for field blank. The matrix identifier was followed by the month-day-year of the sampling event. For example, sample station J sampled on June 25, 2013 would have a Sample ID as follows:
 JAA062513

Air duplicate samples were identified with a "D" following the sampling station ID. For Example, a duplicate air sample collected at sample station J sampled on June 25, 2013 would have a Sample ID as follows:
 JDAA062513

RESULTS

The air sampling locations are described in Table 1. The list of compounds was limited to PCB Homologs found in the ambient air in the city of Anniston from previous air studies, which are listed in Table 2. A summary table of the PCB Homolog analytical results for the air samples collected is contained in Table 3. A map of the study area; denoted as Figure 1 is provided in Appendix A. Appendix B contains photographs of each of the sampling stations and the meteorological station. Appendix C contains the meteorological data for the two 24-hour sampling periods. The Laboratory Analytical Report is attached as Appendix D. The Field Logbook is attached as Appendix E.

The Laboratory Analytical Report is attached as Appendix D, which contains the analytical results for each of the PCB homologs, 209 PCB congeners and applicable TEQs (Toxic Equivalents). The concentration of the analytes is reported in nanograms per cubic meter of air (ng/m^3). A Report Narrative on page 2 of Appendix D discusses in detail the data quality factors requiring qualification of the analytical results. In addition, numerical values for the non-detected PCB congeners have been included in the Laboratory Analytical Report. The "non-detects are followed by a "U" which is a "Data Qualifier" that denotes that the analyte was not detected above the listed Minimum Reporting Limit (MRL). The listed value is the associated MRL and may vary between samples based on the dilutions required to quantitate the PCB concentrations. It is important to note that some of the MRLs listed for the non-detects may change between samples and the associated PCB may be present at a concentration less than the reported MRL.

Many of the PCB congener analytical results in Appendix D are followed by "Data Qualifiers" that are listed on page 5 of the Laboratory Analytical Report and are summarized below:

U The analyte was not detected at or above the reporting limit.

B-4 Level in blank impacts MRLs.

CLP33 Poor Chromatography - Split Peaks and/or Poor Peak Shape Present

J The identification of the analyte is acceptable; the reported value is an estimate.

The wind speed and direction data is tabulated by each sample period in Appendix C. The tabulated periods are longer than 24 hours and overlap each other to account for the setup and travel time between sample stations. The actual collection time of each sample is a nominal 24 hours.

The first sampling period started on Tuesday, June 25, 2013 at 09:10, the wind direction was variable, with hourly wind speed averages between 0.4 mile per hour (mph) and 5.7mph, with occasional gusts up to 13 mph, until the end of the sampling period at 11:00 on Wednesday, June 26. The highest concentrations of Total PCB Homologs in the ambient air for this sampling period were recorded at Sample Station J which is located at West 10th Street & Parkwin Avenue on Solutia owned property. This site is located east of the Solutia facility. A photo depicting the collection of the air sample is recorded in Appendix B; Photo #3. The concentrations of the Total PCB Homologs at each sample station during the first sampling period are listed below;

Sample Station F (west site)

Stephens Avenue & West 12th Street

FAA062513

Total PCB Homologs 3.0 ng/m³

Sample Station I (east site)

300 Parker Street

IAA062513

Total PCB Homologs 8.0 ng/m³

Sample Station J (central site)

West 10th Street & Parkwin Avenue

JAA062513

Total PCB Homologs 13 ng/m³

Sample Station J (Duplicate)

West 10th Street & Parkwin Avenue

JDAA062513

Total PCB Homologs 13 ng/m³

The second sampling period started on Wednesday, June 26, 2013 at 09:22, the wind was generally out of the southeast, with hourly wind speed averages between 3.5mph to 8.1 mph, with occasional gusts up to 22 mph, until the end of the sampling period at 11:11 on Thursday, June 27. The highest concentrations of Total PCB Homologs in the ambient air were again recorded at Sample Station J which is located at West 10th Street & Parkwin Avenue on Solutia owned property. The concentrations of the Total PCB Homologs at each sample station during the second sampling period are listed below;

Sample Station F (west site)

Stephens Avenue & West 12th Street

FAA062613

Total PCB Homologs 4.7 ng/m³

Sample Station I (east site)

300 Parker Street

IAA062613

Total PCB Homologs 1.3 ng/m³

Sample Station J (central site)

West 10th Street & Parkwin Avenue

JAA062613

Total PCB Homologs 19 ng/m³

Sample Station J (Duplicate)

West 10th Street & Parkwin Avenue

JDAA062613

Total PCB Homologs 19 ng/m³

QUALITY ASSURANCE

Duplicate air sample results obtained from the samples collected at sample station J were similar, during both 24-hour sampling periods, confirming the method precision was good. Photos showing the collection of these air samples is recorded in Appendix B; Photo #3.

A field blank sampling cartridge was collected on the first sampling day. A field blank cartridge is removed from the shipping container and placed in the sampler, but not exposed, to check the possibility of contamination of the air samples during handling, transport and storage. Analysis of the field blank cartridge showed trace level amounts of PCB homologs that are present in the ambient air. The amount of each homolog and the resulting Total PCBs that are present in each field blank are listed in Table 3. The PCB results found in the field blanks are typical for air samples analyzed by this methodology. The PCB concentrations detected in the field blanks do not affect the quality of the data.

TABLES

Table 2
PCB Homolog Analytes

| PCB Homolog | CASRN | Chlorine Atom Substituents | Number of Congeners |
|---------------------|--------------|---|--------------------------------|
| Monochlorobiphenyl | 27323-18-8 | 1 | 3 |
| Dichlorobiphenyl | 25512-42-9 | 2 | 12 |
| Trichlorobiphenyl | 25323-68-6 | 3 | 24 |
| Tetrachlorobiphenyl | 26914-33-0 | 4 | 42 |
| Pentachlorobiphenyl | 25429-29-2 | 5 | 46 |
| Hexachlorobiphenyl | 26601-64-9 | 6 | 42 |
| Heptachlorobiphenyl | 28655-71-2 | 7 | 24 |
| Octachlorobiphenyl | 55722-26-4 | 8 | 12 |
| Nonachlorobiphenyl | 53742-07-7 | 9 | 3 |
| Decachlorobiphenyl | 2051-24-3 | 10 | 1 |

CASRN = Chemical Abstracts Service Registry Number

Table 3

Anniston PCB Air Study PCB Homolog Sample Results
June 25-27, 2013

| Sample ID | | FB062513 | FAA062513 | FAA062613 | IAA062513 | IAA062613 | JAA062513 | JAA062613 | JDAA062513 | JDAA062613 |
|-----------------------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Matrix | | Field Blank | Ambient Air | Ambient Air | Ambient Air | Ambient Air | Ambient Air | Ambient Air | Ambient Air | Ambient Air |
| Sample Date | | 6/25/2013 | 6/25/2013 | 6/26/2013 | 6/25/2013 | 6/26/2013 | 6/25/2013 | 6/26/2013 | 6/25/2013 | 6/26/2013 |
| Analyte | Units | | | | | | | | | |
| Monochlorobiphenyl (Total) | ng/m3 | < 0.00025 U | 0.16 | 0.19 | 0.23 | 0.022 | 1.3 | 1.8 | 1.4 | 1.9 |
| Dichlorobiphenyl (Total) | ng/m3 | 0.026 | 0.73 | 1.3 | 2.5 | 0.34 | 3.6 | 5.4 | 3.7 | 5.5 |
| Trichlorobiphenyl (Total) | ng/m3 | 0.017 | 0.97 | 1.7 | 3.6 | 0.47 | 4.6 | 6.9 | 4.6 | 7.1 |
| Tetrachlorobiphenyl (Total) | ng/m3 | 0.017 | 0.71 | 0.97 | 1.3 | 0.38 | 2.7 | 3.6 | 2.4 | 3.0 |
| Pentachlorobiphenyl (Total) | ng/m3 | 0.010 | 0.30 | 0.35 | 0.20 | 0.066 | 0.64 | 0.86 | 0.64 | 0.80 |
| Hexachlorobiphenyl (Total) | ng/m3 | 0.012 | 0.12 | 0.14 | 0.066 | 0.035 | 0.22 | 0.32 | 0.22 | 0.30 |
| Heptachlorobiphenyl (Total) | ng/m3 | 0.0012 | 0.031 | 0.033 | 0.013 | 0.0085 | 0.059 | 0.079 | 0.058 | 0.077 |
| Octachlorobiphenyl (Total) | ng/m3 | < 0.00025 U | 0.0062 | 0.0069 | 0.0035 | 0.0038 | 0.0077 | 0.015 | 0.0077 | 0.014 |
| Nonachlorobiphenyl (Total) | ng/m3 | < 0.00025 U | 0.0014 | 0.0018 | < 0.0012 U | 0.0013 | 0.0032 | 0.003 | 0.0033 | 0.0031 |
| Total PCBs | ng/m3 | 0.084 | 3.0 | 4.7 | 8.0 | 1.3 | 13 | 19 | 13 | 19 |

Air samples collected starting June 25, 2013 are highlighted in Yellow
 U = The analyte was not detected at or above the listed reporting limit.

APPENDIX A

SITE MAP

Figure 1

Anniston PCB Air Study Sampling Stations

June 25-27, 2013



APPENDIX B

SITE PHOTOGRAPHS

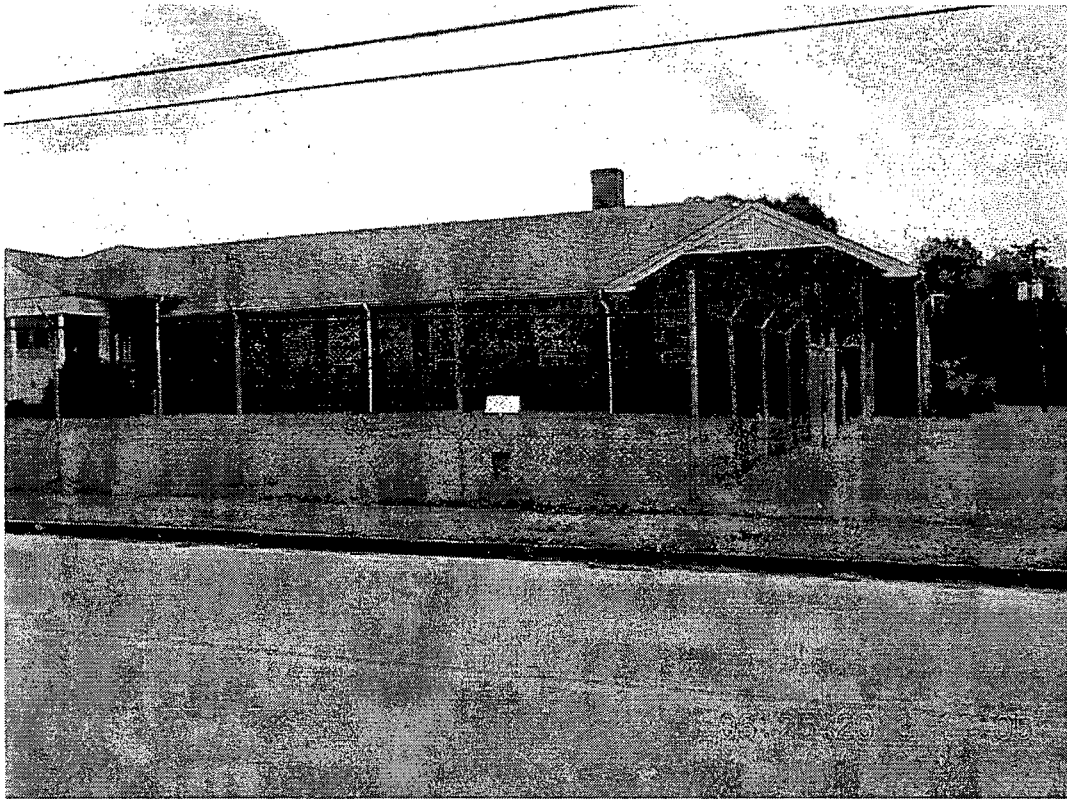


Photo #1 Sample Station F facing South



Photo #2 Sample Station I facing West

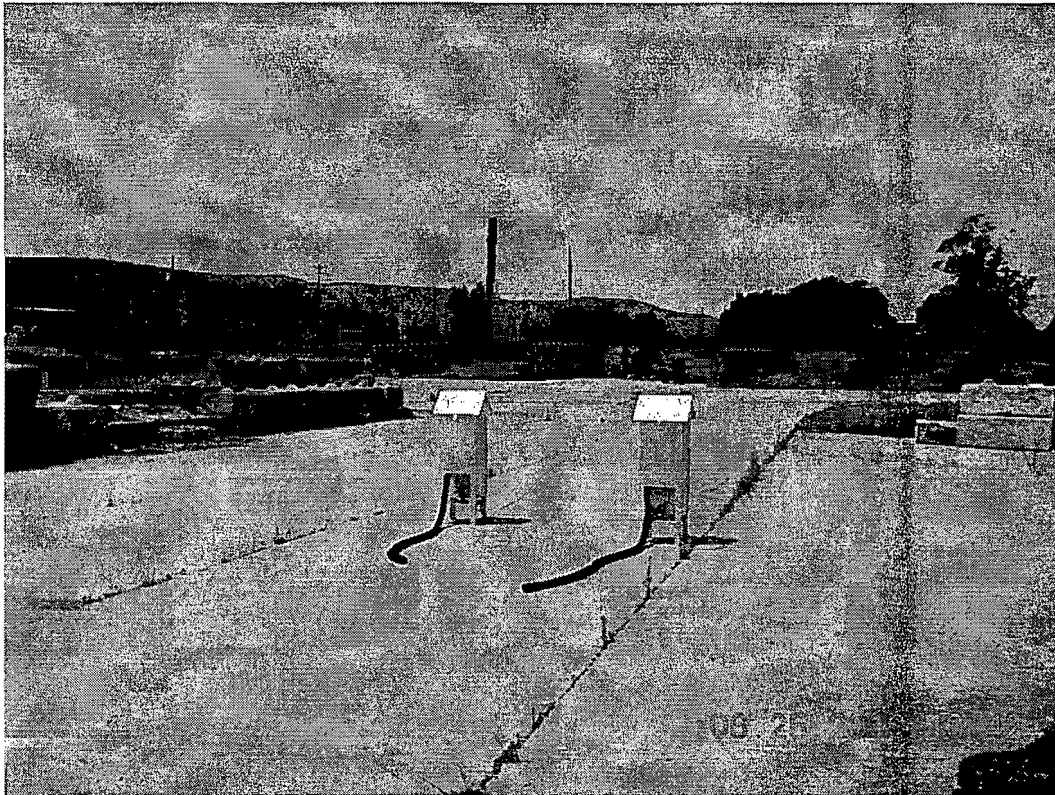


Photo #3 Duplicate Sample Station J facing West

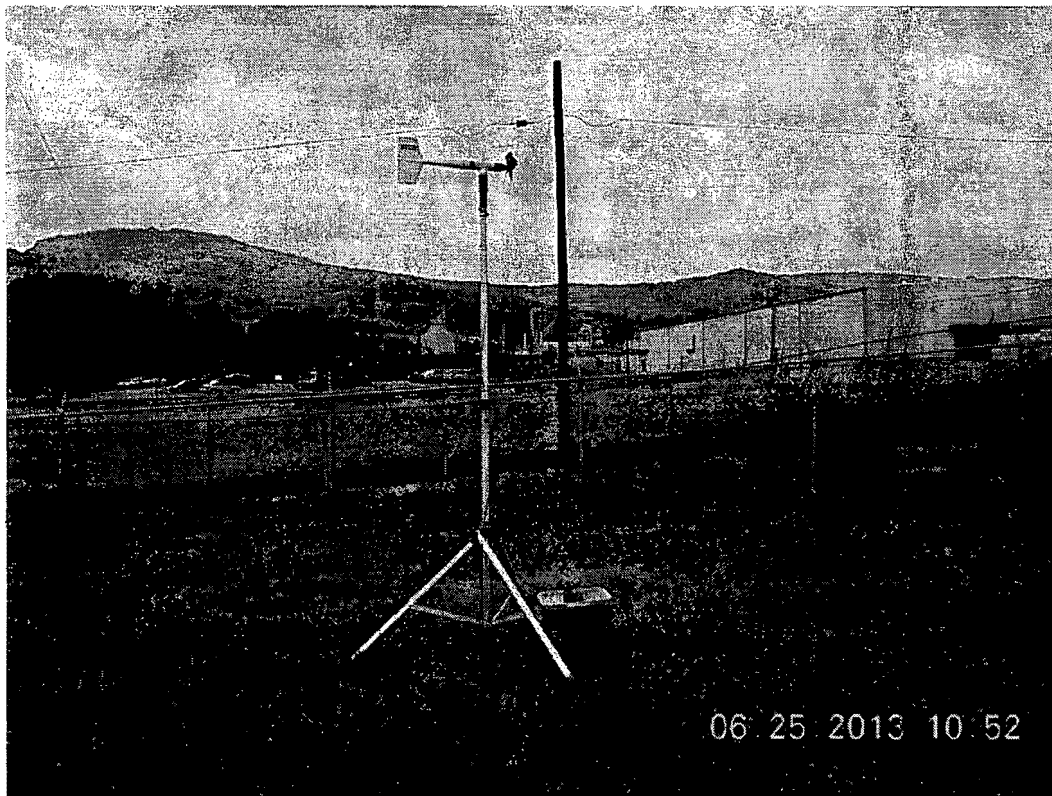


Photo #4 Meteorological Site facing South

APPENDIX C

METEROLOGICAL DATA

Anniston PCB Air Study

Meteorological Data for 1st Sample Period June 25 to June 26, 2013

| Date | Hour | Wind Speed (mph) | Wind Direction (degrees) |
|-----------|------|------------------|--------------------------|
| 6/25/2013 | 9 | 2.5 | 48 |
| 6/25/2013 | 10 | 3.1 | 273 |
| 6/25/2013 | 11 | 4.2 | 233 |
| 6/25/2013 | 12 | 4.5 | 236 |
| 6/25/2013 | 13 | 4.5 | 196 |
| 6/25/2013 | 14 | 5.5 | 217 |
| 6/25/2013 | 15 | 4.7 | 214 |
| 6/25/2013 | 16 | 5.6 | 215 |
| 6/25/2013 | 17 | 5.1 | 207 |
| 6/25/2013 | 18 | 5.7 | 201 |
| 6/25/2013 | 19 | 2.8 | 171 |
| 6/25/2013 | 20 | 1.1 | 96 |
| 6/25/2013 | 21 | 2.5 | 143 |
| 6/25/2013 | 22 | 1 | 22 |
| 6/25/2013 | 23 | 0.4 | 28 |
| 6/26/2013 | 0 | 0.4 | 86 |
| 6/26/2013 | 1 | 0.7 | 53 |
| 6/26/2013 | 2 | 1.7 | 355 |
| 6/26/2013 | 3 | 2.4 | 294 |
| 6/26/2013 | 4 | 1.9 | 158 |
| 6/26/2013 | 5 | 1.4 | 72 |
| 6/26/2013 | 6 | 0.9 | 62 |
| 6/26/2013 | 7 | 1.3 | 47 |
| 6/26/2013 | 8 | 3.9 | 234 |
| 6/26/2013 | 9 | 5.1 | 231 |
| 6/26/2013 | 10 | 4.5 | 226 |
| 6/26/2013 | 11 | 5.6 | 221 |

Meteorological Data from SESD Temporary Meteorological Station
Hour = Central Daylight Time (local time)

Anniston PCB Air Study**Meteorological Data for 2nd Sample Period June 26 to June 27, 2013**

| Date | Hour | Wind Speed (mph) | Wind Direction (degrees) |
|-----------|------|------------------|--------------------------|
| 6/26/2013 | 8 | 3.9 | 234 |
| 6/26/2013 | 9 | 5.1 | 231 |
| 6/26/2013 | 10 | 4.5 | 226 |
| 6/26/2013 | 11 | 5.6 | 221 |
| 6/26/2013 | 12 | 5.7 | 223 |
| 6/26/2013 | 13 | 6 | 222 |
| 6/26/2013 | 14 | 6.7 | 217 |
| 6/26/2013 | 15 | 6.4 | 216 |
| 6/26/2013 | 16 | 6.4 | 192 |
| 6/26/2013 | 17 | 5.7 | 193 |
| 6/26/2013 | 18 | 5.6 | 168 |
| 6/26/2013 | 19 | 5 | 169 |
| 6/26/2013 | 20 | 4 | 155 |
| 6/26/2013 | 21 | 4.8 | 163 |
| 6/26/2013 | 22 | 5.7 | 164 |
| 6/26/2013 | 23 | 7 | 185 |
| 6/27/2013 | 0 | 5.2 | 217 |
| 6/27/2013 | 1 | 3.5 | 238 |
| 6/27/2013 | 2 | 4.7 | 206 |
| 6/27/2013 | 3 | 5.4 | 220 |
| 6/27/2013 | 4 | 6.1 | 217 |
| 6/27/2013 | 5 | 5.5 | 219 |
| 6/27/2013 | 6 | 7.5 | 215 |
| 6/27/2013 | 7 | 8.1 | 225 |
| 6/27/2013 | 8 | 5.3 | 269 |
| 6/27/2013 | 9 | 4.4 | 245 |
| 6/27/2013 | 10 | 7.7 | 235 |
| 6/27/2013 | 11 | 5.2 | 235 |

Meteorological Data from SESD Temporary Meteorological Station
Hour = Central Daylight Time (local time)

APPENDIX D

LABORATORY ANALYTICAL REPORT

(68 pages)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

August 7, 2013

4SESD-MTSB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 13-0363, Anniston PCB Air Study
Superfund Remedial

FROM: Jeffrey Hendel
Quality Assurance Section Chemist

THRU: Marilyn Maycock, Chief
Quality Assurance Section

TO: Tim Slagle

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:

Method Used:

PCB Aroclors (PCBA)

PCB Congeners

Contract SOW (Air)



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Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

Report Narrative for Work Order C133003, Project: 13-0363
Site Name: Anniston PCB Air Study
CLP Case No. n/a, ELEMENT Sample Nos. C133003-01 through C133003-09

Organic Analysis: Cape Fear Analytical, Wilmington, NC

The ESAT Work Team reviewed data for nine air samples analyzed for Polychlorinated biphenyls (PCBs) Congeners per EPA Method 1668A. The samples were collected on 06/25/13 and 06/26/13, and were received by the laboratory on 06/27/13 and 06/28/13. The final data package was received on 07/22/13 by the USEPA Quality Assurance Section, Region 4 SEDS/MTSB. The analytical results were reported in one sample delivery group (SDG) by the laboratory.

The laboratory satisfied all technical analysis and extraction holding time requirements. The laboratory submitted a "CLP-like" data package that was sufficient to perform Stage 4 validation manual review (S4VEM). The data package presents acceptable technical performance with qualifications.

The laboratory reported all 207 chlorinated biphenyl (CB) congeners including those (PCB-77, 81, 105, 114, 118, 123, 126, 156, 157, 167, 169, and 189) with established World Health Organization (WHO) toxic equivalence factors (TEFs). Toxic equivalence quotients (TEQs) were calculated by applying the TEFs to the laboratory's reporting limits whenever a congener was not detected. The Total PCB's were calculated using a value of 0 if all results for that level of chlorination were not detected.

The laboratory used reporting limits that were in many instances higher than those calculated based on the lowest calibration level used. USEPA Method 1668A states that the detection limits and quantitation levels are usually dependent on the level of interferences and laboratory background levels rather than instrumental limitations. The laboratory did not report any positive detects that were below these reporting limits even when all qualitative identification criteria specified in USEPA Method 1668A were satisfied (signal to noise, retention time, ion ratios, and maximization of both monitored ions concurrently).

Data quality factors requiring qualification of results are discussed below:

The method blank contained several positive results for congeners. For sample C133003-02 congeners #11 and #121; and for samples C133003-03, 04, 05, 06, and 08 congener #11, the reporting limits were elevated to the amount found in the sample and qualified "U" (B-4). These results were also removed from the Total homolog and Total PCB calculated values.

Sample C133003-01 was identified as a field blank associated with this Case. Sample C133003-01 contained numerous congeners above the reporting limits. No qualification of data was performed as a result of positive detects in the field blank. The end user should determine the impact on the sample data as a result of positive detects in the field blank.



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The result for congener #99 was qualified "J" (CLP33) in sample C133003-03 due to poor chromatography.

The reporting limits for samples C133003-04, 06, 07, 08, and 09 are elevated due to these samples requiring dilutions.

Data qualification factors are explained by the Region 4 - specific qualifier definitions which are included elsewhere in this report. Further details are provided in the complete data review report, which is on file in the Region 4 SEDS Records Center.

cc: Nardina Turner



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SAMPLES INCLUDED IN THIS REPORT

Project: 13-0363, Anniston PCB Air Study

| Sample ID | Laboratory ID | Matrix | Date Collected |
|------------|---------------|-----------------|----------------|
| FB062513 | C133003-01 | Field Blank Air | 6/25/13 08:53 |
| FAA062513 | C133003-02 | Air | 6/25/13 09:10 |
| FAA062613 | C133003-03 | Air | 6/26/13 09:22 |
| IAA062513 | C133003-04 | Air | 6/25/13 10:04 |
| IAA062613 | C133003-05 | Air | 6/26/13 10:12 |
| JAA062513 | C133003-06 | Air | 6/25/13 11:00 |
| JAA062613 | C133003-07 | Air | 6/26/13 11:11 |
| JDAA062513 | C133003-08 | Air | 6/25/13 11:00 |
| JDAA062613 | C133003-09 | Air | 6/26/13 11:11 |



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DATA QUALIFIER DEFINITIONS

| | |
|-------|---|
| U | The analyte was not detected at or above the reporting limit. |
| B-4 | Level in blank impacts MRLs. |
| CLP33 | Poor Chromatography - Split Peaks and/or Poor Peak Shape Present |
| J | The identification of the analyte is acceptable; the reported value is an estimate. |

ACRONYMS AND ABBREVIATIONS

| | |
|-----|---|
| CAS | Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory. |
| MDL | Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero. |
| MRL | Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. |
| TIC | Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported. |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FB062513

Lab ID: C133003-01

Station ID:

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 0.026 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.0012 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.012 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.00025 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.00025 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.00025 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.00061 | U | ng/m3 | 0.00061 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.00029 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.0024 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.026 | | ng/m3 | 0.0061 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.00098 | U | ng/m3 | 0.00098 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.0024 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.0014 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.0012 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.0025 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.00042 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.0032 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.0023 | | ng/m3 | 0.00098 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.0014 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FB062513

Lab ID: C133003-01

Station ID:

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.00026 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.00057 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.0031 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.00069 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.0024 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.00091 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.00031 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.00059 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47,65 | 0.0024 | | ng/m3 | 0.00074 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.00057 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.00046 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.0011 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.0041 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.00092 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.00074 | U | ng/m3 | 0.00074 | 7/03/13 | 7/17/13 | Contract SOW |



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Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FB062513

Lab ID: C133003-01

Station ID:

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|---------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.00056 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.0030 | | ng/m3 | 0.00098 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.00061 | U | ng/m3 | 0.00061 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.00089 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.0014 | | ng/m3 | 0.00061 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.00061 | U | ng/m3 | 0.00061 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.00047 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.00074 | U | ng/m3 | 0.00074 | 7/03/13 | 7/17/13 | Contract SOW |
| ES2450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.0015 | U | ng/m3 | 0.0015 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.0026 | | ng/m3 | 0.00074 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.00038 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.0022 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FB062513

Lab ID: C133003-01

Station ID:

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.00048 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.00061 | U | ng/m3 | 0.00061 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.00042 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.0022 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.0013 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.0024 | | ng/m3 | 0.00074 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.0011 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.0015 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.00059 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FB062513

Lab ID: C133003-01

Station ID:

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.00067 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.00042 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.0030 | | ng/m3 | 0.00098 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.0026 | | ng/m3 | 0.00098 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.00036 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: **FB062513**

Lab ID: **C133003-01**

Station ID:

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.00031 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.00051 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.00024 | U | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FB062513

Lab ID: C133003-01

Station ID:

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|--|---------|------------|-------|---------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.010 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 6.2E-5 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.4E-6 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 3.2E-5 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 0.017 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 1336-36-3 | Total PCBs | 0.084 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 0.017 | | ng/m3 | 0.00025 | 7/03/13 | 7/17/13 | Contract SOW |



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Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

Lab ID: C133003-02

Station ID: F

Matrix: Air

Date Collected: 6/25/13 9:10

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 0.73 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.031 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.12 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.16 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0014 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0062 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.15 | | ng/m3 | 0.00068 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.0042 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.015 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.33 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.0048 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.052 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.020 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.22 | | ng/m3 | 0.0027 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.017 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.015 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.075 | U, B-4 | ng/m3 | 0.0068 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.0090 | | ng/m3 | 0.0011 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.00054 | U | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.064 | | ng/m3 | 0.0027 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.074 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.094 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.17 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.070 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.15 | | ng/m3 | 0.0027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.083 | | ng/m3 | 0.0011 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.053 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

Lab ID: C133003-02

Station ID: F

Matrix: Air

Date Collected: 6/25/13 9:10

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.0041 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.015 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.031 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.017 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.14 | | ng/m3 | 0.0014 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.046 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.00069 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0021 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.00054 | U | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.023 | | ng/m3 | 0.0027 | 7/03/13 | 7/17/13 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.00054 | U | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.036 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.0072 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.031 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.0045 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47,65 | 0.12 | | ng/m3 | 0.00082 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.028 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.0073 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.019 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.088 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.021 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.16 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0020 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.00051 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.016 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.00033 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.0091 | | ng/m3 | 0.00082 | 7/03/13 | 7/17/13 | Contract SOW |



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| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|---------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.0076 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.064 | | ng/m3 | 0.0011 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0020 | | ng/m3 | 0.00068 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.043 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.040 | | ng/m3 | 0.00068 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0013 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.0012 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.00078 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0021 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.00054 | U | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.00054 | U | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0038 | | ng/m3 | 0.00068 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0021 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.014 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.0081 | | ng/m3 | 0.00082 | 7/03/13 | 7/17/13 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.029 | | ng/m3 | 0.0016 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.010 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.00074 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.056 | | ng/m3 | 0.00082 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.011 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.00090 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.00061 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.056 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.00085 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0026 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

Lab ID: C133003-02

Station ID: F

Matrix: Air

Date Collected: 6/25/13 9:10

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.027 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.00078 | | ng/m3 | 0.00068 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.0068 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0015 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.00091 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.042 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.00054 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.020 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.00035 | U, B-4 | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.00048 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0018 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.019 | | ng/m3 | 0.00082 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0011 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.00042 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.0087 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.00045 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0018 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.014 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.0058 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.00074 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.00056 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

Lab ID: C133003-02

Station ID: F

Matrix: Air

Date Collected: 6/25/13 9:10

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0041 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0016 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0038 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.028 | | ng/m3 | 0.0011 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.021 | | ng/m3 | 0.0011 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.00049 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0011 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0017 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0012 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.00046 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0014 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.00087 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.00044 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0038 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.00089 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

Lab ID: C133003-02

Station ID: F

Matrix: Air

Date Collected: 6/25/13 9:10

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0021 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0014 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0042 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.0050 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0032 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.0078 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.00031 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.00048 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.00056 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.00054 | U | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0019 | | ng/m3 | 0.00054 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.00053 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0017 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0011 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.00066 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.00027 | U | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.00072 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.00053 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

Lab ID: C133003-02

Station ID: F

Matrix: Air

Date Collected: 6/25/13 9:10

| C-15 Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|----------------|--|---------|------------|-------|---------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.30 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00016 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.9E-6 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 3.7E-5 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 0.71 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 1336-36-3 | Total PCBs | 3.0 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 0.97 | | ng/m3 | 0.00027 | 7/03/13 | 7/17/13 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062613

Lab ID: C133003-03

Station ID: F

Matrix: Air

Date Collected: 6/26/13 9:22

| CAS Number | Analyte | Results | Qualifiers | Units | MR | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 1.3 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.033 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.14 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.19 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0018 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0069 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.16 | | ng/m3 | 0.00064 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.0053 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.022 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.50 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.0094 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.10 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.031 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.46 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.037 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.017 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.068 | U, B-4 | ng/m3 | 0.0064 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.017 | | ng/m3 | 0.0010 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.00051 | U | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.12 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.15 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.17 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.33 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.10 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.26 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.16 | | ng/m3 | 0.0010 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.095 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.00051 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062613

Lab ID: C133003-03

Station ID: F

Matrix: Air

Date Collected: 6/26/13 9:22

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.0051 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.025 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.052 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.025 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.24 | | ng/m3 | 0.0013 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.076 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.0011 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0028 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.00051 | U | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.039 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.00051 | U | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.053 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.013 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.044 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.0067 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47,65 | 0.16 | | ng/m3 | 0.00077 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.038 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.011 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.031 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.12 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.028 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.20 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0021 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.00086 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.022 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.00043 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.013 | | ng/m3 | 0.00077 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062613

Lab ID: C133003-03

Station ID: E

Matrix: Air

Date Collected: 6/26/13 9:22

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|---------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.012 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.092 | | ng/m3 | 0.0010 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0028 | | ng/m3 | 0.00064 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.059 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.056 | | ng/m3 | 0.00064 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0020 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.0012 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.00095 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0030 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.00051 | U | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.00051 | U | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0049 | | ng/m3 | 0.00064 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0025 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.017 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.010 | | ng/m3 | 0.00077 | 7/03/13 | 7/17/13 | Contract SOW |
| ES2450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.036 | | ng/m3 | 0.0015 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.012 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.00091 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.066 | | ng/m3 | 0.00077 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.013 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.0010 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.00075 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.064 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.0010 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0032 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062613

Lab ID: C133003-03

Station ID: F

Matrix: Air

Date Collected: 6/26/13 9:22

| CAS Number | Analyte | Results/Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|--------------------|-------|---------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.030 U, CLP33 | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.00082 | ng/m3 | 0.00064 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.00026 U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.0092 | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.00026 U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0021 | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.0012 | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.050 | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.00026 U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.00026 U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.00063 | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.025 | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.00026 U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.00026 U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.00032 | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.00054 | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.00026 U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.00026 U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0021 | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.023 | ng/m3 | 0.00077 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0013 | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.00044 | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.010 | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.00051 | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0020 | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.016 | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.0063 | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.0011 | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.00060 | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |



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Sample ID: FAA062613

Lab ID: C133003-03

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| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0047 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0014 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0044 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.032 | | ng/m3 | 0.0010 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.025 | | ng/m3 | 0.0010 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.00046 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0014 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0020 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0013 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.00055 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0014 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.00086 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.00046 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0040 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.00092 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |



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| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0021 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0016 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0042 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.0051 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0035 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.0084 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.00031 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.00053 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.00057 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.00051 | U | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0022 | | ng/m3 | 0.00051 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.00057 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0019 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0011 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.00081 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.00026 | U | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.00098 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.00072 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |



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Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062613

Lab ID: C133003-03

Station ID: F

Matrix: Air

Date Collected: 6/26/13 9:22

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|---------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.35 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00020 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.9E-6 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 3.5E-5 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 0.97 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 1336-36-3 | Total PCBs | 4.7 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 1.7 | | ng/m3 | 0.00026 | 7/03/13 | 7/17/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062513

Lab ID: C133003-04

Station ID: I

Matrix: Air

Date Collected: 6/25/13 10:04

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 2.5 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.013 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.066 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.23 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0035 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.18 | | ng/m3 | 0.0031 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.011 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.036 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.95 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.022 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.21 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.073 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.94 | | ng/m3 | 0.012 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.078 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.034 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.078 | U B-1 | ng/m3 | 0.031 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.031 | | ng/m3 | 0.0049 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.19 | | ng/m3 | 0.012 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.39 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.38 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.81 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.17 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.49 | | ng/m3 | 0.012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.31 | | ng/m3 | 0.0049 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.17 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062513

Lab ID: C133003-04

Station ID: I

Matrix: Air

Date Collected: 6/25/13 10:04

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|----------|------------|-------|--------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.012 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.048 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.10 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.049 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.47 | | ng/m3 | 0.0062 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.18 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.0020 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0026 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.0025 U | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.054 | | ng/m3 | 0.012 | 7/03/13 | 7/17/13 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.0012 U | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.0025 U | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.071 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.026 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.056 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.010 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47.65 | 0.24 | | ng/m3 | 0.0037 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.096 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.022 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.063 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.14 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.056 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.22 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0025 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.0012 U | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.021 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.0012 U | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.0012 U | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62.75 | 0.018 | | ng/m3 | 0.0037 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062513

Lab ID: C133003-04

Station ID: I

Matrix: Air

Date Collected: 6/25/13 10:04

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|--------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.013 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.10 | | ng/m3 | 0.0049 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0031 | U | ng/m3 | 0.0031 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.075 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.045 | | ng/m3 | 0.0031 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0027 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.0080 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0025 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0033 | | ng/m3 | 0.0031 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0014 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.012 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.0052 | | ng/m3 | 0.0037 | 7/03/13 | 7/17/13 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.021 | | ng/m3 | 0.0074 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.0078 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.033 | | ng/m3 | 0.0037 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.0062 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.041 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.0015 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0028 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062513

Lab ID: C133003-04

Station ID: I

Matrix: Air

Date Collected: 6/25/13 10:04

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.015 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.0031 | U | ng/m3 | 0.0031 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.0062 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.029 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.015 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.014 | | ng/m3 | 0.0037 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.0061 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.0074 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.0036 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |



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Sample ID: IAA062513

Lab ID: C133003-04

Station ID: I

Matrix: Air

Date Collected: 6/25/13 10:04

| C-45 Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|----------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0029 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0022 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.015 | | ng/m3 | 0.0049 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.013 | | ng/m3 | 0.0049 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0014 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0024 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062513

Lab ID: C133003-04

Station ID: I

Matrix: Air

Date Collected: 6/25/13 10:04

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0013 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0018 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.0037 | | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.0042 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0025 | U | ng/m3 | 0.0025 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0021 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0014 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0012 | U | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062513

Lab ID: C133003-04

Station ID: I

Matrix: Air

Date Collected: 6/25/13 10:04

| C-15 Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|----------------|--|---------|------------|-------|--------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.20 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00037 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 7.2E-6 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 0.00016 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 1.3 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 1336-36-3 | Total PCBs | 8.0 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 3.6 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |



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Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062613

Lab ID: C133003-05

Station ID: I

Matrix: Air

Date Collected: 6/26/13 10:12

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|-----------|------------|-------|---------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 0.34 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.0085 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.035 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 0.022 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0013 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0038 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 0.0098 | | ng/m3 | 0.00061 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.0051 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.0066 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 0.041 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.0019 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.020 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.060 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 0.086 | | ng/m3 | 0.0024 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.0057 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.0024 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.077 U | B-1 | ng/m3 | 0.0061 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.010 | | ng/m3 | 0.00097 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.0040 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.045 | | ng/m3 | 0.0024 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.040 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.040 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.075 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.016 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.079 | | ng/m3 | 0.0024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.049 | | ng/m3 | 0.00097 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.030 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.00024 U | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |



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Sample ID: IAA062613

Lab ID: C133003-05

Station ID: I

Matrix: Air

Date Collected: 6/26/13 10:12

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.0014 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.014 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.015 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.0048 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.070 | | ng/m3 | 0.0012 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.020 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.00033 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0012 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.015 | | ng/m3 | 0.0024 | 7/03/13 | 7/17/13 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.013 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.0043 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.0095 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.0013 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47,65 | 0.13 | | ng/m3 | 0.00073 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.052 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.0027 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.0091 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.023 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.0061 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.037 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.00040 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.00031 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.0070 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.0028 | | ng/m3 | 0.00073 | 7/03/13 | 7/17/13 | Contract SOW |



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| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|-----------|------------|-------|---------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.0044 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.029 | | ng/m3 | 0.00097 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.00071 | | ng/m3 | 0.00061 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.014 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.014 | | ng/m3 | 0.00061 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.00067 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.017 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.00049 U | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.00024 U | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0010 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.00024 U | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.00049 U | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.00049 U | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.00024 U | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0011 | | ng/m3 | 0.00061 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.00054 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.0034 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.0018 | | ng/m3 | 0.00073 | 7/03/13 | 7/17/13 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119-125 | 0.0073 | | ng/m3 | 0.0015 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.0020 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.00024 U | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.012 | | ng/m3 | 0.00073 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.0020 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.00049 U | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.00024 U | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.011 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.00024 U | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.00049 U | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |



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|------------|----------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.0050 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.00061 | U | ng/m3 | 0.00061 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.0023 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.011 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 59635-32-0 | PCB Congener #111 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.0064 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.00061 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.0066 | | ng/m3 | 0.00073 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.00038 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.0028 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.0037 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.0015 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.00029 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062613

Lab ID: C133003-05

Station ID: I

Matrix: Air

Date Collected: 6/26/13 10:12

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0014 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.00052 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0011 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.0081 | | ng/m3 | 0.00097 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.0069 | | ng/m3 | 0.00097 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.00062 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.00044 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.00042 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0011 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.00025 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062613

Lab ID: C133003-05

Station ID: I

Matrix: Air

Date Collected: 6/26/13 10:12

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|---------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.00058 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.00042 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.00094 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.0016 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.00096 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.0023 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.00025 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.00049 | U | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0012 | | ng/m3 | 0.00049 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.00027 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0014 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.00075 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.00057 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.00024 | U | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.00073 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.00061 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062613

Lab ID: C133003-05

Station ID: I

Matrix: Air

Date Collected: 6/26/13 10:12

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|---------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.066 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 9.9E-5 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.5E-6 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 3.2E-5 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 0.38 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 1336-36-3 | Total PCBs | 1.3 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 0.47 | | ng/m3 | 0.00024 | 7/03/13 | 7/17/13 | Contract SOW |



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Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Lab ID: C133003-06

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|--------------|------------|-------|--------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 3.6 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.059 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.22 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 1.3 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0032 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0077 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 1.2 | | ng/m3 | 0.0064 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.013 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.067 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 1.5 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.024 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.26 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.13 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 1.1 | | ng/m3 | 0.026 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.084 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.13 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.073 U, B-4 | | ng/m3 | 0.064 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.036 | | ng/m3 | 0.010 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.0051 U | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.30 | | ng/m3 | 0.026 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.43 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.46 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.93 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.27 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.67 | | ng/m3 | 0.026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.40 | | ng/m3 | 0.010 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.23 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Lab ID: C133003-06

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

| CAS Number | Compound | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.017 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.062 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.13 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.071 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.61 | | ng/m3 | 0.013 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.25 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.0028 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.086 | | ng/m3 | 0.026 | 7/03/13 | 7/17/13 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.14 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.035 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.11 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.015 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47,65 | 0.63 | | ng/m3 | 0.0076 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.21 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.037 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.090 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.29 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.096 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.48 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0062 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.044 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.032 | | ng/m3 | 0.0076 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Lab ID: C133003-06

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

| C-15 Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|----------------|---|---------|------------|-------|--------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.024 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.19 | | ng/m3 | 0.010 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0064 | U | ng/m3 | 0.0064 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.15 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.098 | | ng/m3 | 0.0064 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.038 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0064 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0094 | | ng/m3 | 0.0064 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0057 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.037 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.018 | | ng/m3 | 0.0076 | 7/03/13 | 7/17/13 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.065 | | ng/m3 | 0.015 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.025 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.0031 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.11 | | ng/m3 | 0.0076 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.022 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.13 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.0031 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0076 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Lab ID: C133003-06

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.056 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.0064 | U | ng/m3 | 0.0064 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.016 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.091 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.042 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.039 | | ng/m3 | 0.0076 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.018 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0026 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.028 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.012 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.0026 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000897 | PCB Congener #139 and/or 140 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Lab ID: C133003-06

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0087 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0039 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0075 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.053 | | ng/m3 | 0.010 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.042 | | ng/m3 | 0.010 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0039 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0031 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.0051 | U | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0078 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Lab ID: C133003-06

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|----------|------------|-------|--------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0040 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0030 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0078 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.011 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0067 | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.016 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.0051 U | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0051 U | | ng/m3 | 0.0051 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0050 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0028 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.0032 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Lab ID: C133003-06

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|---|---------|------------|-------|--------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.64 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00084 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.5E-5 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 0.00034 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 2.7 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 1336-36-3 | Total PCBs | 13 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 4.6 | | ng/m3 | 0.0026 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062613

Lab ID: C133003-07

Station ID: J

Matrix: Air

Date Collected: 6/26/13 11:11

| CLIS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|----------------|-----------------------------|----------|------------|-------|--------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 5.4 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.079 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.32 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 1.8 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0030 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.015 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 1.7 | | ng/m3 | 0.0066 | 7/03/13 | 7/18/13 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.017 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.11 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 2.2 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.042 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.42 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.14 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 1.8 | | ng/m3 | 0.026 | 7/03/13 | 7/18/13 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.15 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.12 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.066 U | | ng/m3 | 0.066 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.063 | | ng/m3 | 0.011 | 7/03/13 | 7/18/13 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.0052 U | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.46 | | ng/m3 | 0.026 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.62 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.69 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 1.5 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.33 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.97 | | ng/m3 | 0.026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.63 | | ng/m3 | 0.011 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.36 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |



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Sample ID: JAA062613

Lab ID: C133003-07

Station ID: J

Matrix: Air

Date Collected: 6/26/13 11:11

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.026 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.091 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.20 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.094 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.93 | | ng/m3 | 0.013 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.36 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.0041 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0069 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.14 | | ng/m3 | 0.026 | 7/03/13 | 7/18/13 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.20 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.057 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.17 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.023 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47,65 | 0.73 | | ng/m3 | 0.0079 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.24 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.053 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.15 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.40 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.14 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.63 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0056 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.0033 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.067 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62,75 | 0.048 | | ng/m3 | 0.0079 | 7/03/13 | 7/18/13 | Contract SOW |



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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062613

Lab ID: C133003-07

Station ID: J

Matrix: Air

Date Collected: 6/26/13 11:11

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|----------|------------|-------|--------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.038 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.28 | | ng/m3 | 0.011 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0073 | | ng/m3 | 0.0066 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.22 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.15 | | ng/m3 | 0.0066 | 7/03/13 | 7/18/13 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0069 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.025 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.0052 U | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0089 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.0052 U | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.0052 U | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.014 | | ng/m3 | 0.0066 | 7/03/13 | 7/18/13 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0066 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.051 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.024 | | ng/m3 | 0.0079 | 7/03/13 | 7/18/13 | Contract SOW |
| ES2450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.089 | | ng/m3 | 0.016 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.033 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.0038 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.15 | | ng/m3 | 0.0079 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.029 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.0052 U | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.17 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.0049 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0089 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062613

Lab ID: C133003-07

Station ID: J

Matrix: Air

Date Collected: 6/26/13 11:11

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 38380-01-7 | PCB Congener # 99 | 0.075 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.0066 | U | ng/m3 | 0.0066 | 7/03/13 | 7/18/13 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.026 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.12 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.061 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0065 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.058 | | ng/m3 | 0.0079 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0038 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.026 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0036 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.035 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.016 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.0028 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |



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Matrix: Air

Date Collected: 6/26/13 11:11

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.013 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0043 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.010 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.074 | | ng/m3 | 0.011 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.058 | | ng/m3 | 0.011 | 7/03/13 | 7/18/13 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0049 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0035 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0047 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.011 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |



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PCB Aroclors

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| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|----------|------------|-------|--------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0059 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0034 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0094 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.016 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0095 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.020 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.0052 U | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0065 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0050 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0039 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.0030 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |



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| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|--------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.86 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00097 | | ng/m3 | | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.6E-5 | | ng/m3 | | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 0.00035 | | ng/m3 | | 7/03/13 | 7/18/13 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 3.6 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 1336-36-3 | Total PCBs | 19 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 6.9 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062513

Lab ID: C133003-08

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|-------------|------------|-------|--------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 3.7 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.058 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.22 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 1.4 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0033 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.0077 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 1.3 | | ng/m3 | 0.0072 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.013 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.071 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 1.6 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.026 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.27 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.069 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 1.2 | | ng/m3 | 0.029 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.086 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.12 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.085 U B-4 | | ng/m3 | 0.072 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.038 | | ng/m3 | 0.012 | 7/03/13 | 7/17/13 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.0058 U | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.30 | | ng/m3 | 0.029 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.43 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.46 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 0.92 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.29 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 0.67 | | ng/m3 | 0.029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.40 | | ng/m3 | 0.012 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.23 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.0029 U | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062513

Lab ID: C133003-08

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

| AS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|--------------|---------------------------------|----------|------------|-------|--------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.020 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.061 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.14 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.071 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.62 | | ng/m3 | 0.014 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.25 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.0029 U | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0058 U | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.0058 U | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.084 | | ng/m3 | 0.029 | 7/03/13 | 7/17/13 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.0029 U | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.0058 U | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.13 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.036 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.11 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.018 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47, 65 | 0.41 | | ng/m3 | 0.0086 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.13 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.035 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.089 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.28 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.093 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.47 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0057 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.0029 U | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.044 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.0029 U | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.0029 U | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62, 75 | 0.031 | | ng/m3 | 0.0086 | 7/03/13 | 7/17/13 | Contract SOW |



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Sample ID: JDA062513

Lab ID: C133003-08

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

| C-15 Number | Analyte | Results/Qualifiers | Units | MRE | Prepared | Analyzed | Method |
|----------------|--|--------------------|-------|--------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.024 | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.19 | ng/m3 | 0.012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0072 U | ng/m3 | 0.0072 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.14 | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.10 | ng/m3 | 0.0072 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0044 | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.0057 | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.0058 U | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.0029 U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0057 | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.0029 U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.0058 U | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.0058 U | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.0029 U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.0095 | ng/m3 | 0.0072 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0044 | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.036 | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.018 | ng/m3 | 0.0086 | 7/03/13 | 7/17/13 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.066 | ng/m3 | 0.017 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.025 | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.0029 U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.11 | ng/m3 | 0.0086 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.022 | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.0058 U | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.0029 U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.13 | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.0034 | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0070 | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062513

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Date Collected: 6/25/13 11:00

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 38380-01-7 | PCB Congener # 99 | 0.056 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.0072 | U | ng/m3 | 0.0072 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.016 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0058 | U | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.0058 | U | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.092 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.043 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0058 | U | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.040 | | ng/m3 | 0.0086 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.018 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.028 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.012 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.0058 | U | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |



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|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.0087 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0040 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0072 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.054 | | ng/m3 | 0.012 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.043 | | ng/m3 | 0.012 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0058 | U | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0034 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0034 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.0058 | U | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.0082 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |



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|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0044 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0080 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.012 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0068 | | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.016 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.0058 | U | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0058 | U | ng/m3 | 0.0058 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0047 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0030 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.0033 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0029 | U | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062513

Lab ID: C133003-08

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

| C4S Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|---|---------|------------|-------|--------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.64 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00086 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.7E-5 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 0.00038 | | ng/m3 | | 7/03/13 | 7/17/13 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 2.4 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 1336-36-3 | Total PCBs | 13 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 4.6 | | ng/m3 | 0.0029 | 7/03/13 | 7/17/13 | Contract SOW |



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PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Lab ID: C133003-09

Station ID: J

Matrix: Air

Date Collected: 6/26/13 11:11

| Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|-----------------------------|----------|------------|-------|--------|----------|----------|--------------|
| 25512-42-9 | Dichlorobiphenyl (Total) | 5.5 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 28655-71-2 | Heptachlorobiphenyl (Total) | 0.077 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 26601-64-9 | Hexachlorobiphenyl (Total) | 0.30 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 27323-18-8 | Monochlorobiphenyl (Total) | 1.9 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 53742-07-7 | Nonachlorobiphenyl (Total) | 0.0031 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 55722-26-4 | Octachlorobiphenyl (Total) | 0.014 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 2051-60-7 | PCB Congener # 1 | 1.8 | | ng/m3 | 0.0065 | 7/03/13 | 7/18/13 | Contract SOW |
| 2051-61-8 | PCB Congener # 2 | 0.018 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 2051-62-9 | PCB Congener # 3 | 0.11 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 13029-08-8 | PCB Congener # 4 | 2.3 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 16605-91-7 | PCB Congener # 5 | 0.043 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 25569-80-6 | PCB Congener # 6 | 0.44 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 33284-50-3 | PCB Congener # 7 | 0.11 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 34883-43-7 | PCB Congener # 8 | 1.9 | | ng/m3 | 0.026 | 7/03/13 | 7/18/13 | Contract SOW |
| 34883-39-1 | PCB Congener # 9 | 0.15 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 33146-45-1 | PCB Congener # 10 | 0.12 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 2050-67-1 | PCB Congener # 11 | 0.065 U | | ng/m3 | 0.065 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000863 | PCB Congener # 12 and/or 13 | 0.060 | | ng/m3 | 0.010 | 7/03/13 | 7/18/13 | Contract SOW |
| 34883-41-5 | PCB Congener # 14 | 0.0052 U | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 2050-68-2 | PCB Congener # 15 | 0.44 | | ng/m3 | 0.026 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-78-9 | PCB Congener # 16 | 0.64 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 37680-66-3 | PCB Congener # 17 | 0.72 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000864 | PCB Congener # 18 and/or 30 | 1.5 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-73-4 | PCB Congener # 19 | 0.34 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000865 | PCB Congener # 20 and/or 28 | 1.0 | | ng/m3 | 0.026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000866 | PCB Congener # 21 and/or 33 | 0.64 | | ng/m3 | 0.010 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-85-8 | PCB Congener # 22 | 0.37 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 55720-44-0 | PCB Congener # 23 | 0.0026 U | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Lab ID: C133003-09

Station ID: J

Matrix: Air

Date Collected: 6/26/13 11:11

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 55702-45-9 | PCB Congener # 24 | 0.025 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 55712-37-3 | PCB Congener # 25 | 0.094 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000867 | PCB Congener # 26 and/or 29 | 0.21 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-76-7 | PCB Congener # 27 | 0.098 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 16606-02-3 | PCB Congener # 31 | 0.96 | | ng/m3 | 0.013 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-77-8 | PCB Congener # 32 | 0.37 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 37680-68-5 | PCB Congener # 34 | 0.0041 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 37680-69-6 | PCB Congener # 35 | 0.0067 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-87-0 | PCB Congener # 36 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-90-5 | PCB Congener # 37 | 0.15 | | ng/m3 | 0.026 | 7/03/13 | 7/18/13 | Contract SOW |
| 53555-66-1 | PCB Congener # 38 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 38444-88-1 | PCB Congener # 39 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001051 | PCB Congener # 40 and/or 71 | 0.19 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-59-9 | PCB Congener # 41 | 0.056 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 36559-22-5 | PCB Congener # 42 | 0.16 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 70362-46-8 | PCB Congener # 43 | 0.022 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000869 | PCB Congener # 44 and/or 47/65 | 0.54 | | ng/m3 | 0.0078 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000870 | PCB Congener # 45 and/or 51 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 41464-47-5 | PCB Congener # 46 | 0.050 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 70362-47-9 | PCB Congener # 48 | 0.14 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000871 | PCB Congener # 49 and/or 69 | 0.37 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000872 | PCB Congener # 50 and/or 53 | 0.12 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 35693-99-3 | PCB Congener # 52 | 0.58 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 15968-05-5 | PCB Congener # 54 | 0.0056 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74338-24-2 | PCB Congener # 55 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 41464-43-1 | PCB Congener # 56 | 0.068 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 70424-67-8 | PCB Congener # 57 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 41464-49-7 | PCB Congener # 58 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000873 | PCB Congener # 59 and/or 62/75 | 0.045 | | ng/m3 | 0.0078 | 7/03/13 | 7/18/13 | Contract SOW |



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D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Lab ID: C133003-09

Station ID: J

Matrix: Air

Date Collected: 6/26/13 11:11

| CAS Number | Analyte | Results | Qualifiers | Units | MR | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|--------|----------|----------|--------------|
| 33025-41-1 | PCB Congener # 60 | 0.037 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000874 | PCB Congener # 61 and/or 70,74,76 | 0.27 | | ng/m3 | 0.010 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-34-7 | PCB Congener # 63 | 0.0077 | | ng/m3 | 0.0065 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-58-8 | PCB Congener # 64 | 0.20 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 32598-10-0 | PCB Congener # 66 | 0.15 | | ng/m3 | 0.0065 | 7/03/13 | 7/18/13 | Contract SOW |
| 73575-53-8 | PCB Congener # 67 | 0.0065 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 73575-52-7 | PCB Congener # 68 | 0.0040 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 41464-42-0 | PCB Congener # 72 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 74338-23-1 | PCB Congener # 73 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 32598-13-3 | PCB Congener # 77 | 0.0088 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 70362-49-1 | PCB Congener # 78 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 41464-48-6 | PCB Congener # 79 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 33284-52-5 | PCB Congener # 80 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 70362-50-4 | PCB Congener # 81 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-62-4 | PCB Congener # 82 | 0.013 | | ng/m3 | 0.0065 | 7/03/13 | 7/18/13 | Contract SOW |
| 60145-20-2 | PCB Congener # 83 | 0.0060 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-60-2 | PCB Congener # 84 | 0.046 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000876 | PCB Congener # 85 and/or 116,117 | 0.023 | | ng/m3 | 0.0078 | 7/03/13 | 7/18/13 | Contract SOW |
| E52450707 | PCB Congener # 86 and/or 87,97,109,119,125 | 0.086 | | ng/m3 | 0.016 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000878 | PCB Congener # 88 and/or 91 | 0.030 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 73575-57-2 | PCB Congener # 89 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000879 | PCB Congener # 90 and/or 101,113 | 0.14 | | ng/m3 | 0.0078 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-61-3 | PCB Congener # 92 | 0.026 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001052 | PCB Congener # 93 and/or 100 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 73575-55-0 | PCB Congener # 94 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 38379-99-6 | PCB Congener # 95 | 0.15 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 73575-54-9 | PCB Congener # 96 | 0.0040 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001056 | PCB Congener # 98 and/or 102 | 0.0091 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |



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| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|----------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 38380-01-7 | PCB Congener #99 | 0.070 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 60145-21-3 | PCB Congener #103 | 0.0065 | U | ng/m3 | 0.0065 | 7/03/13 | 7/18/13 | Contract SOW |
| 56558-16-8 | PCB Congener #104 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 32598-14-4 | PCB Congener #105 | 0.024 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 70424-69-0 | PCB Congener #106 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 70424-68-9 | PCB Congener #107 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001053 | PCB Congener #108 and/or 124 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000882 | PCB Congener #110 and/or 115 | 0.12 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 39635-32-0 | PCB Congener #111 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-36-9 | PCB Congener #112 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-37-0 | PCB Congener #114 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 31508-00-6 | PCB Congener #118 | 0.059 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 68194-12-7 | PCB Congener #120 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 56558-18-0 | PCB Congener #121 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 76842-07-4 | PCB Congener #122 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 65510-44-3 | PCB Congener #123 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 57465-28-8 | PCB Congener #126 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 39635-33-1 | PCB Congener #127 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000883 | PCB Congener #128 and/or 166 | 0.0059 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001054 | PCB Congener #129 and/or 138,163 | 0.056 | | ng/m3 | 0.0078 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-66-8 | PCB Congener #130 | 0.0032 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 61798-70-7 | PCB Congener #131 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 38380-05-1 | PCB Congener #132 | 0.024 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 35694-04-3 | PCB Congener #133 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52704-70-8 | PCB Congener #134 | 0.0039 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001055 | PCB Congener #135 and/or 151 | 0.032 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 38411-22-2 | PCB Congener #136 | 0.014 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 35694-06-5 | PCB Congener #137 | 0.0026 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000887 | PCB Congener #139 and/or 140 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Lab ID: C133003-09

Station ID: J

Matrix: Air

Date Collected: 6/26/13 11:11

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52712-04-6 | PCB Congener #141 | 0.013 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 41411-61-4 | PCB Congener #142 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 68194-15-0 | PCB Congener #143 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 68194-14-9 | PCB Congener #144 | 0.0043 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-40-5 | PCB Congener #145 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 51908-16-8 | PCB Congener #146 | 0.0096 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000888 | PCB Congener #147 and/or 149 | 0.070 | | ng/m3 | 0.010 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-41-6 | PCB Congener #148 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 68194-08-1 | PCB Congener #150 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 68194-09-2 | PCB Congener #152 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000889 | PCB Congener #153 and/or 168 | 0.057 | | ng/m3 | 0.010 | 7/03/13 | 7/18/13 | Contract SOW |
| 60145-22-4 | PCB Congener #154 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 33979-03-2 | PCB Congener #155 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000890 | PCB Congener #156 and/or 157 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-42-7 | PCB Congener #158 | 0.0049 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 39635-35-3 | PCB Congener #159 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 41411-62-5 | PCB Congener #160 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-43-8 | PCB Congener #161 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 39635-34-2 | PCB Congener #162 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-45-0 | PCB Congener #164 | 0.0033 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-46-1 | PCB Congener #165 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-72-6 | PCB Congener #167 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 32774-16-6 | PCB Congener #169 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 35065-30-6 | PCB Congener #170 | 0.0042 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000891 | PCB Congener #171 and/or 173 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-74-8 | PCB Congener #172 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 38411-25-5 | PCB Congener #174 | 0.011 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 40186-70-7 | PCB Congener #175 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-65-7 | PCB Congener #176 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Lab ID: C133003-09

Station ID: J

Matrix: Air

Date Collected: 6/26/13 11:11

| C4S Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|---------------|------------------------------|---------|------------|-------|--------|----------|----------|--------------|
| 52663-70-4 | PCB Congener #177 | 0.0049 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-67-9 | PCB Congener #178 | 0.0036 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-64-6 | PCB Congener #179 | 0.0097 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000892 | PCB Congener #180 and/or 193 | 0.015 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-47-2 | PCB Congener #181 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 60145-23-5 | PCB Congener #182 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000893 | PCB Congener #183 and/or 185 | 0.0092 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-48-3 | PCB Congener #184 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-49-4 | PCB Congener #186 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-68-0 | PCB Congener #187 | 0.019 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74487-85-7 | PCB Congener #188 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 39635-31-9 | PCB Congener #189 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 41411-64-7 | PCB Congener #190 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-50-7 | PCB Congener #191 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-51-8 | PCB Congener #192 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 35694-08-7 | PCB Congener #194 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-78-2 | PCB Congener #195 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 42740-50-1 | PCB Congener #196 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000894 | PCB Congener #197 and/or 200 | 0.0052 | U | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000895 | PCB Congener #198 and/or 199 | 0.0056 | | ng/m3 | 0.0052 | 7/03/13 | 7/18/13 | Contract SOW |
| 40186-71-8 | PCB Congener #201 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 2136-99-4 | PCB Congener #202 | 0.0045 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-76-0 | PCB Congener #203 | 0.0034 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-52-9 | PCB Congener #204 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 74472-53-0 | PCB Congener #205 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 40186-72-9 | PCB Congener #206 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-79-3 | PCB Congener #207 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 52663-77-1 | PCB Congener #208 | 0.0031 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 2051-24-3 | PCB Congener #209 | 0.0026 | U | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

PCB Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Lab ID: C133003-09

Station ID: J

Matrix: Air

Date Collected: 6/26/13 11:11

| CAS Number | Analyte | Results | Qualifiers | Units | MRL | Prepared | Analyzed | Method |
|------------|--|---------|------------|-------|--------|----------|----------|--------------|
| 25429-29-2 | Pentachlorobiphenyl (Total) | 0.80 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001026 | TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98) | 0.00097 | | ng/m3 | | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8001027 | TEQ (Fish Toxic. Equiv. for PCBs, WHO TEQ-98) | 1.6E-5 | | ng/m3 | | 7/03/13 | 7/18/13 | Contract SOW |
| R4-8000909 | TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05) | 0.00034 | | ng/m3 | | 7/03/13 | 7/18/13 | Contract SOW |
| 26914-33-0 | Tetrachlorobiphenyl (Total) | 3.0 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 1336-36-3 | Total PCBs | 19 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |
| 25323-68-6 | Trichlorobiphenyl (Total) | 7.1 | | ng/m3 | 0.0026 | 7/03/13 | 7/18/13 | Contract SOW |

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APPENDIX E

FIELD LOGBOOK

(19 pages)

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

PCB AIR SAMPLING LOGBOOK

LOGBOOK 1 OF 1

DATES: June 25, 2013 THRU: June 27, 2013



List of personnel in logbook:

| Name | Initials | Organization/Duties |
|----------------------|--------------------|--------------------------|
| <u>Tim Slagle</u> | <u>[Signature]</u> | <u>EPA</u> , Team Leader |
| <u>Don Fortson</u> | <u>DF</u> | <u>ESAT / sampler</u> |
| <u>Brian Herndon</u> | <u>BH</u> | <u>ESAT / Samples</u> |
| | | |
| | | |
| | | |
| | | |

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Station I.D. #R4DART# Sample I.D. FB 062513

Site AIRS ID # NA

GPS Location NA

Site Description placed in SVOC sampler R4-P-011

SVOC Sampler ID # R4-P-011 Site Operator TS, RH, DF

Orifice # NA Digital Manometer # NA

Pressure Std # NA Temperature Std # NA

Start Date 6/25/13 Start Time 08:53

Stop Date 6/25/13 Stop Time 08:53

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in. H ₂ O) | Flowrate (stp. m ³ /minute) |
|---------|--------------|---------------------|-----------------------|-------------------------------------|---|
| Start | 049.35 | NA | NA | NA | NA |
| End | 49.35 | | | | |
| Average | | | | | |

Total Collection Time (minutes) NA

Total Collection Volume (stp, m³) NA

Continued next page

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

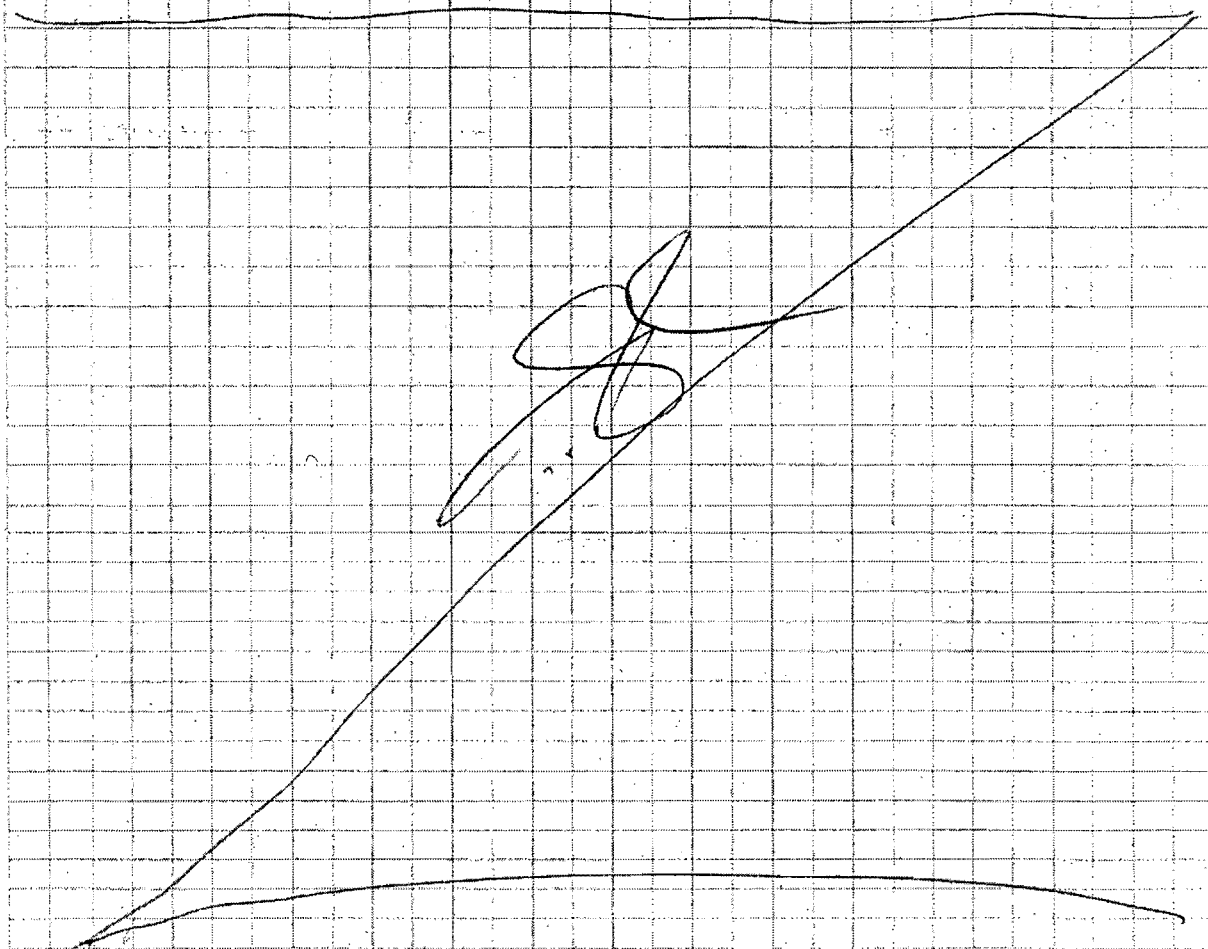
Continuation of field record for sample FB 062513

Other Notes/Sketch (Include North and Scale)

Cartridge # 76666

* FB collected before ambient sampling

- ① - GPS coordinates previously recorded in study conducted in Oct. 2012



Sample Team Leader/Sampler Signature/Date

[Signature] 6/25/13

US EPA Region 4
AMBIENT AIR PCB STUDY

Anniston, Alabama

SESD Project Identification Number: 13-0363

June 2013

Station I.D. F Sample I.D. FAA062513

Site AIRS ID # NA

① GPS Location N 33.65977°, W -85.84371° ±18ft

Site Description Stephens Ave. + West 12th St, Snow Creek Op. Center

SVOC Sampler ID # R4-P-011 Site Operator TS, BH, DF

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 0208 07-08

.....

Start Date 6-25-13 Start Time 09:10

Stop Date 6/26/13 Stop Time 09:10

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp. m ³ /minute) |
|---------|--------------|----------------------|-----------------------|------------------------------------|---|
| Start | 49.35 | 30.6 30.3 | 747.51 | 1.22 | 0.104 |
| End | 73.82 | 29.0 | 745.56 | 1.15 | 0.101 |
| Average | | 29.6 | 746.535 | 1.185 | 0.102 |

.....

Total Collection Time (minutes) 1440

Total Collection Volume (stp, m³) 147.0

Start Magnetelic: 12
" H₂O

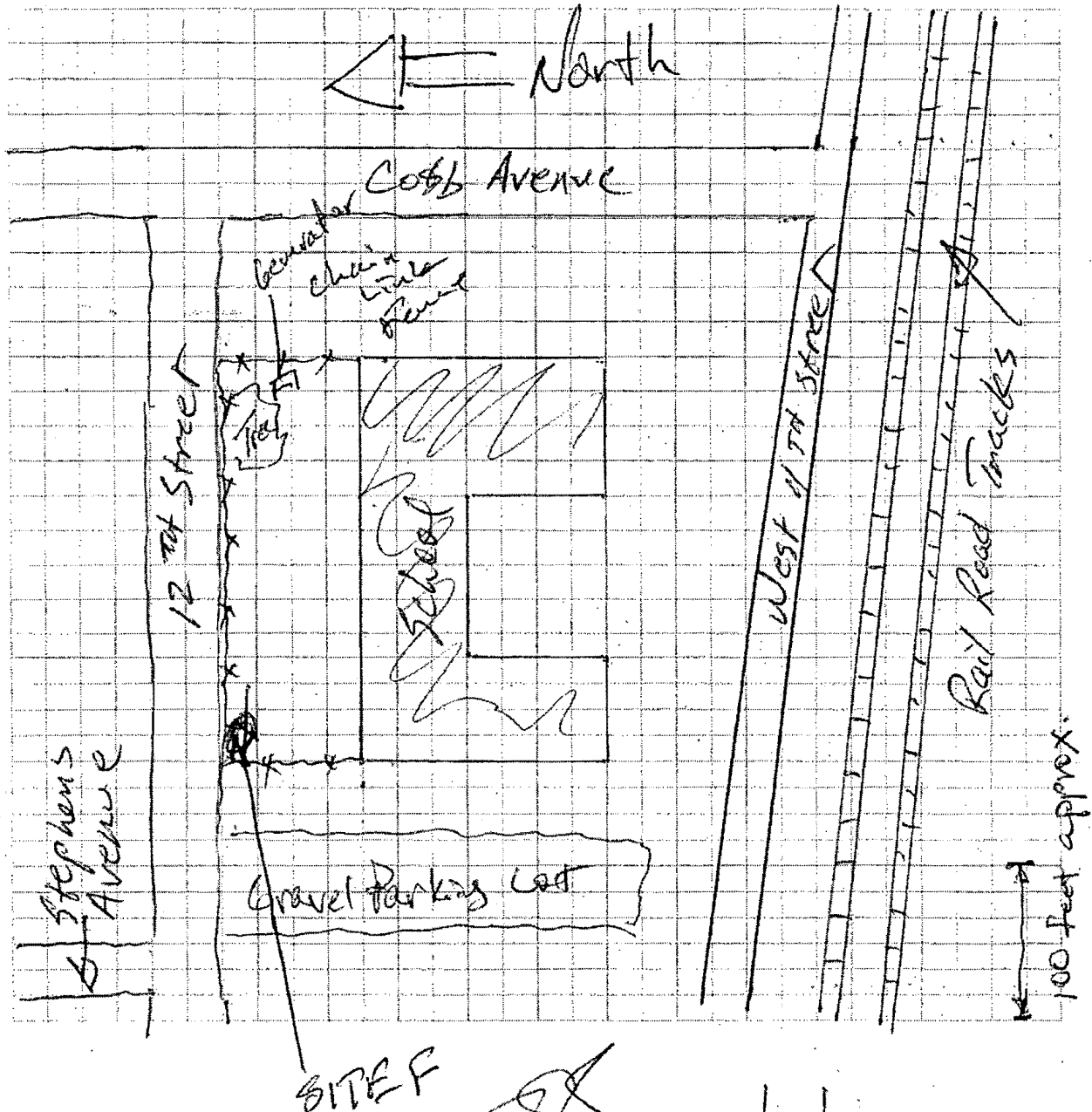
End Magnetelic: 12 Continued next page

Start Voltage 110 VT

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Continuation of field record for sample FAH 062513

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Station I.D. I Sample I.D. IAA 062513

Site AIRS ID # NA

① GPS Location 33.64780°N, -85.86642W ±17 ft

Site Description Ms. Scruggs Property, 300 Parker St., Anniston, AL

SVOC Sampler ID # R4-P-010 Site Operator F. Bon / J. Anderson
Stagle

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

Start Date 06/25/13 Start Time 10:04

Stop Date 06/26/13 Stop Time 10:04

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp, m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | 2491.99 | 29.4 29.0 | 745.66 | 1.40 | 0.112 |
| End | 2516.10 | 31.6 | 743.60 | 1.47 | 0.114 |
| Average | | 30.3 | 744.63 | 1.435 | 0.113 |

Total Collection Time (minutes) 1440

Total Collection Volume (stp, m³) 162.4

Magnehelic Start: 15"
Magnehelic End: 14" ¹²⁰

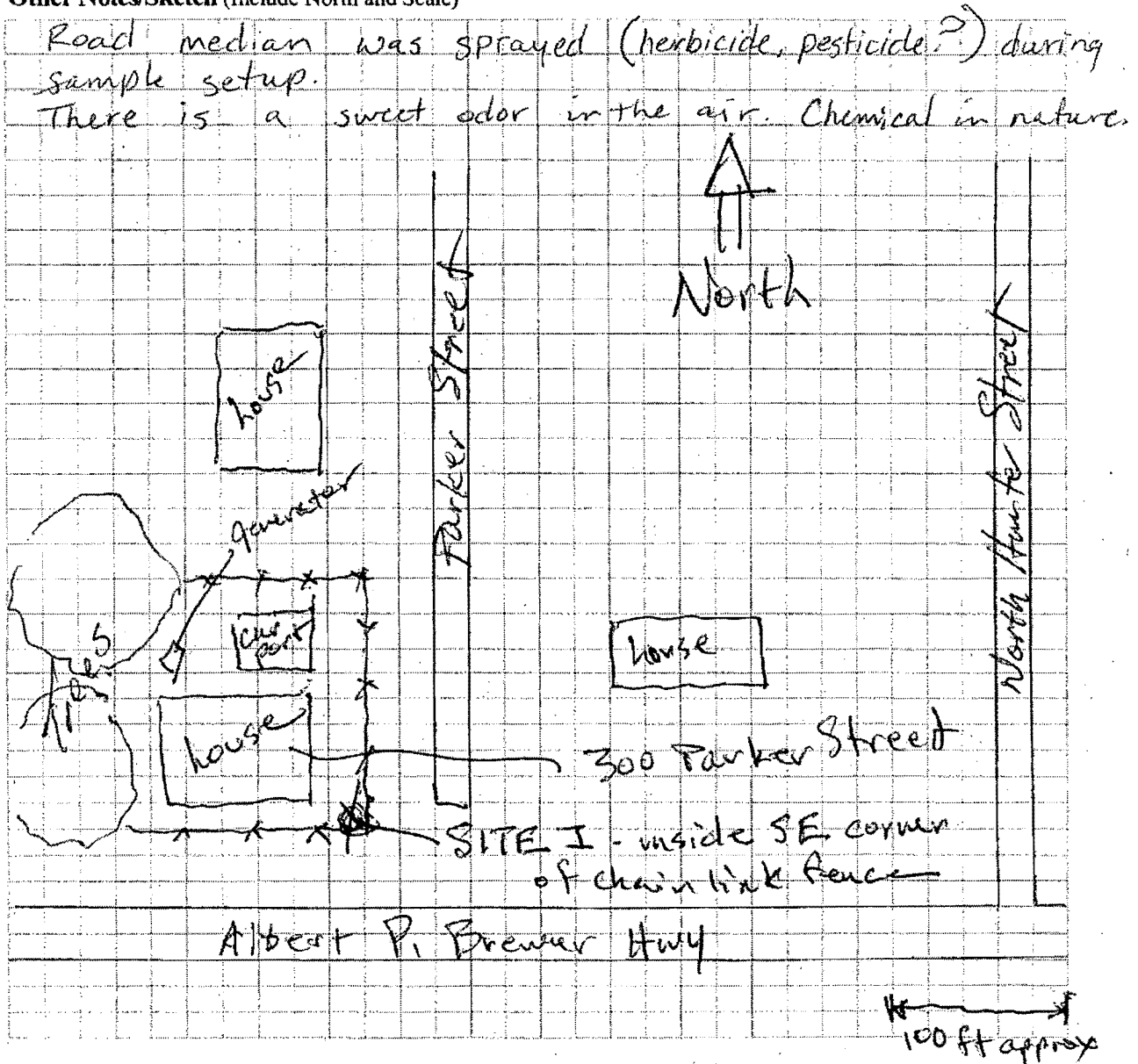
Continued next page

Start Voltage: 122V

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Continuation of field record for sample IAA 062513

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

[Signature] 6/26/13

US EPA Region 4
AMBIENT AIR PCB STUDY

Anniston, Alabama

SESD Project Identification Number: 13-0363

June 2013

Station I.D. J Sample I.D. JAA062513

Site AIRS ID # NA

① GPS Location 33.65582°N, -85.85396°W ±12ft

Site Description West 10th + Parkview Ave. Solutia Property

SVOC Sampler ID # R4-P-004 Site Operator TS, BH, DF

Orifice # 1132 Digital Manometer # 011312-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

Start Date 06/25/13 Start Time 11:00

Stop Date 06/26/13 Stop Time 11:00

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp, m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | 1870.36 | 33.8 | 746.35 | 1.40 | 0.111 |
| End | 1894.73 | 33.7 | 744.26 | 1.32 | 0.107 |
| Average | | 33.55 | 745.305 | 1.36 | 0.109 |

Total Collection Time (minutes) 1440

Total Collection Volume (stp, m³) 157.0

Magnehelic Start: 15

Magnehelic End: 14 "H₂O

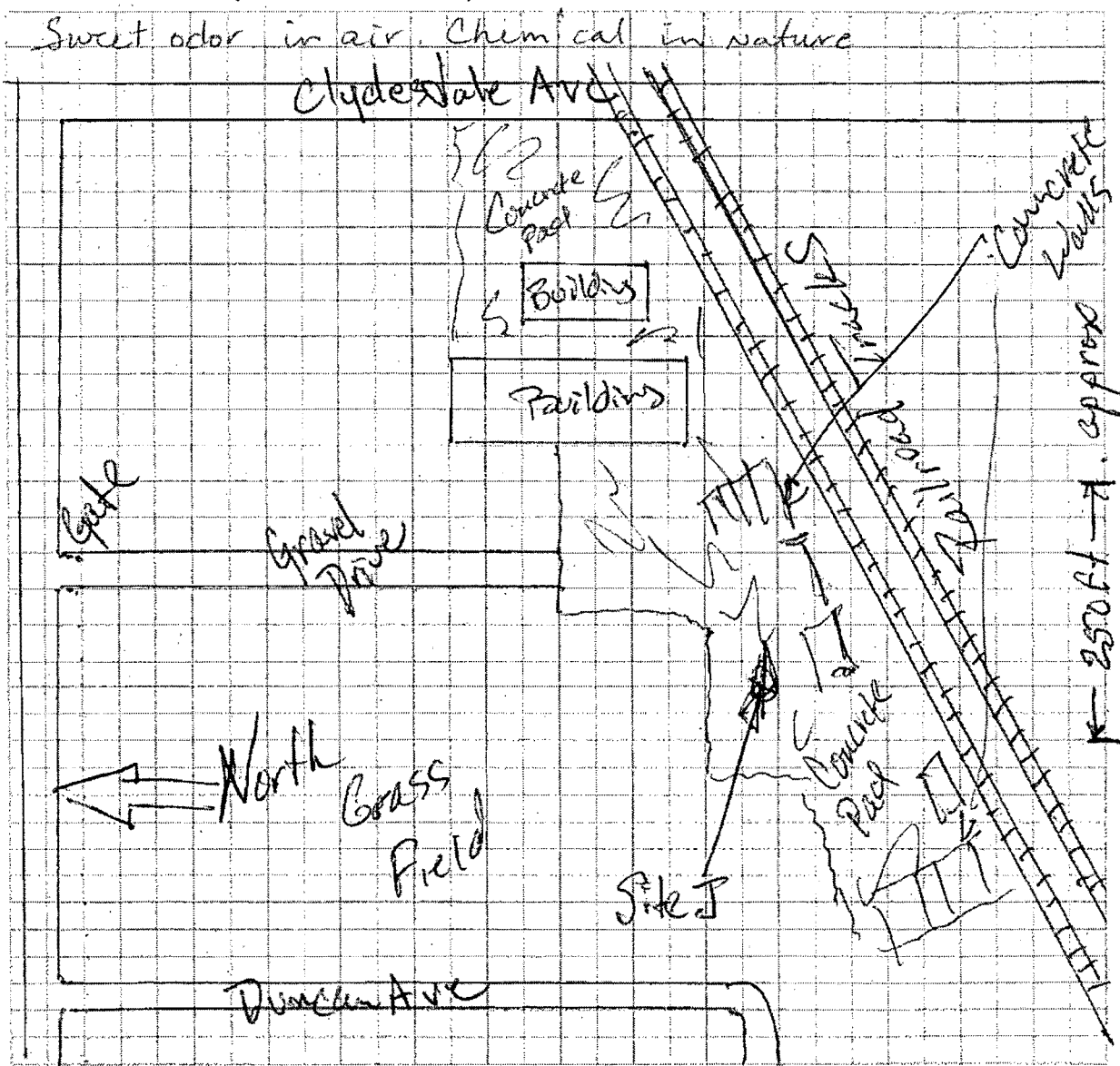
Start Voltage: 118V

Continued next page

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Continuation of field record for sample JAA 062513

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

[Signature] 6/26/13

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Station I.D. J Sample I.D. JDAA062513

Site AIRS ID # NA

GPS Location See pg 8

Site Description West 10th & Parkwin Ave. Solutia Collocated Duplicate

SVOC Sampler ID # R4-P-005 Site Operator TS, BH, DE

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

Start Date 06/25/13 Start Time 11:00

Stop Date 06/26/13 Stop Time 11:00

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp, m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | 514.82 | 30.9 30.0 | 746.34 | 1.04 | 0.095 |
| End | 539.19 | 33.8 | 744.26 | 1.12 | 0.098 |
| Average | | 31.9 | 745.3 | 1.08 | 0.097 |

Total Collection Time (minutes) 1440

Total Collection Volume (stp, m³) 139.2

Magnehelic Start: 14
Magnehelic End: 14 "1420"

Continued next page

Start Voltage: 116V

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

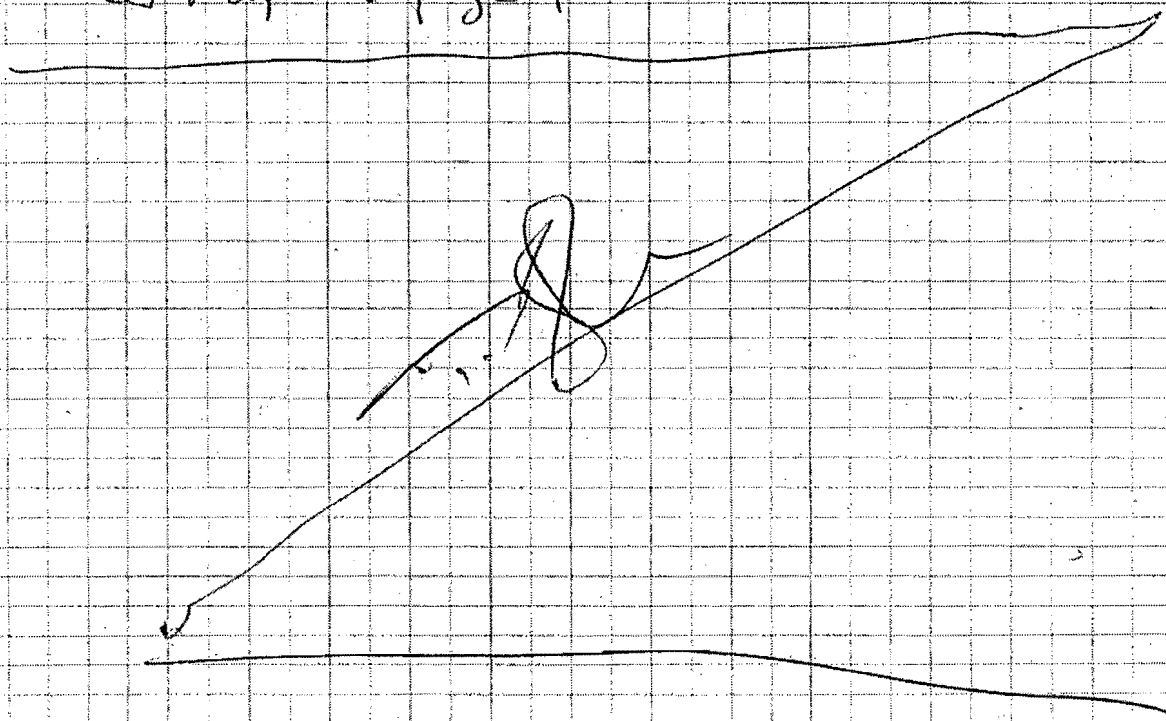
Continuation of field record for sample JDA062513

Other Notes/Sketch (Include North and Scale)

- Field Duplicate Sample

- Voltage of battery at Met. Station checked at 11:30
Voltage = 12.49 V

Site map on page 9



Sample Team Leader/Sampler Signature/Date

[Signature] 6/26/13

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Station I.D. F Sample I.D. FAA062613

Site AIRS ID # NA

GPS Location see page 4

Site Description stephens Ave to West 12th St, Snow Creek Op Center

SVOC Sampler ID # R4-P-011 Site Operator TS, BH, DF

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

Start Date 6/26/13 Start Time 9:22

Stop Date 6/27/13 Stop Time 9:22

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in. H ₂ O) | Flowrate (stp. m ³ /minute) |
|---------|--------------|---------------------|-----------------------|-------------------------------------|---|
| Start | 73.82 | 29.4 | 745.51 | 1.34 | 0.109 |
| End | 98.29 | 26.6 | 742.29 | 1.30 | 0.108 |
| Average | | 28.0 | 743.9 | 1.32 | 0.108 |

Total Collection Time (minutes) 1440

Total Collection Volume (stp, m³) 155.9

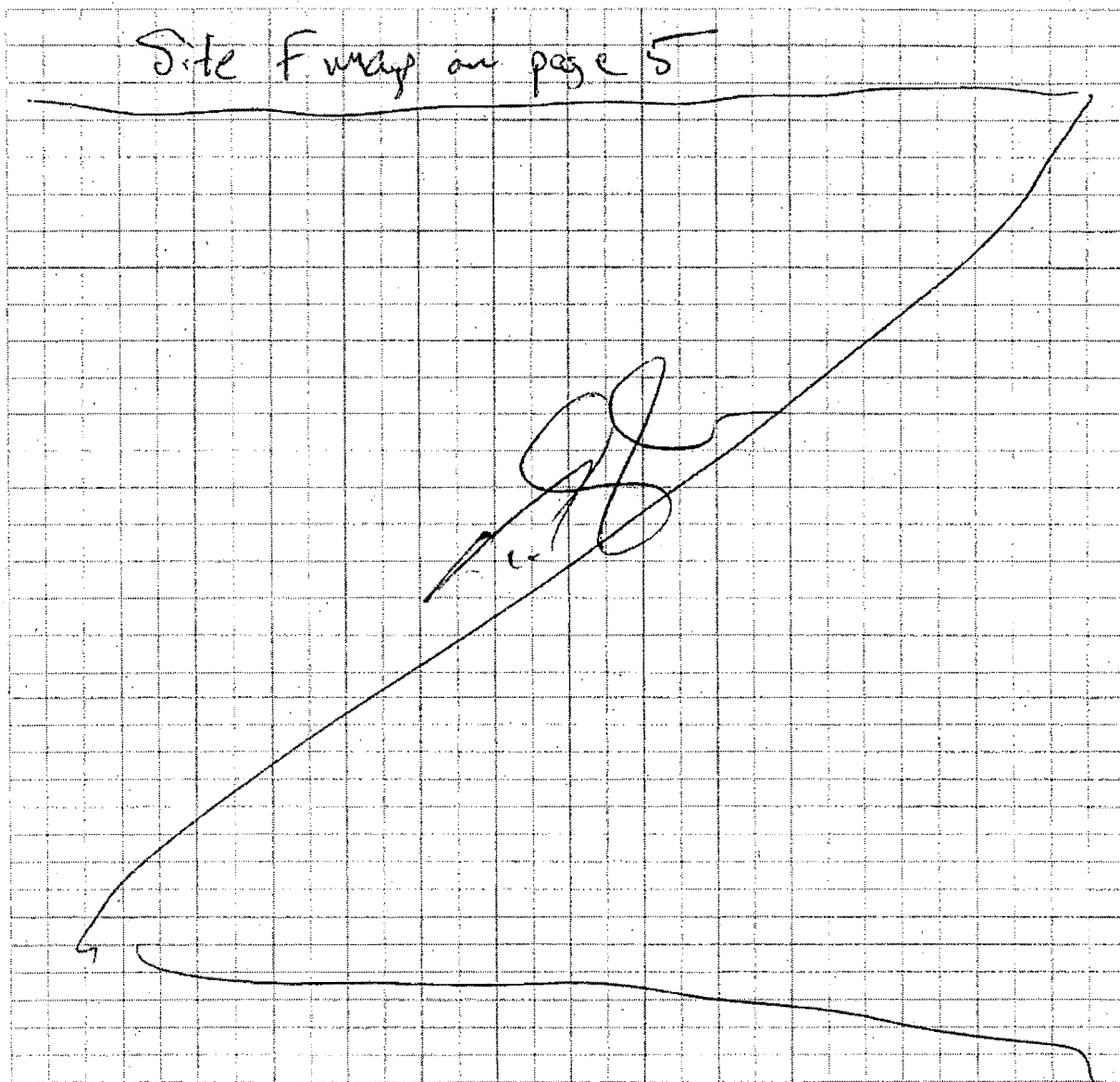
Magnehelic start: 14"
Magnehelic end: 14" H₂O

Continued next page

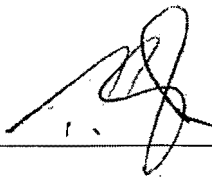
US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Continuation of field record for sample FAAC62613

Other Notes/Sketch (Include North and Scale).



Sample Team Leader/Sampler Signature/Date

 6/27/13

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Station I.D. I Sample I.D. IAA062613

Site AIRS ID # NA

GPS Location see page 6

Site Description Ms. Scruggs Property, 300 Parker St Anniston, AL

SVOC Sampler ID # R4-P-010 Site Operator TS/BH/DF

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

.....

Start Date 6/26/13 Start Time 10:12

Stop Date 6/27/13 Stop Time 10:12

| | Elapsed Time | Temperature (°C) | Barometric (mm-Hg) | Manometer (in. H ₂ O) | Flowrate (stp, m ³ /minute) |
|---------|--------------|---------------------|-----------------------|-------------------------------------|---|
| Start | 2516.10 | 30.5 | 743.60 | 1.48 | 0.115 |
| End | 2540.15 | 26.8 | 740.72 | 1.45 | 0.114 |
| Average | | 28.65 | 742.16 | 1.465 | 0.114 |

.....

Total Collection Time (minutes) 1440

Total Collection Volume (stp, m³) 164.4

Magnehelic start: 16
Magnehelic stop: 16 "H₂O"

Continued next page

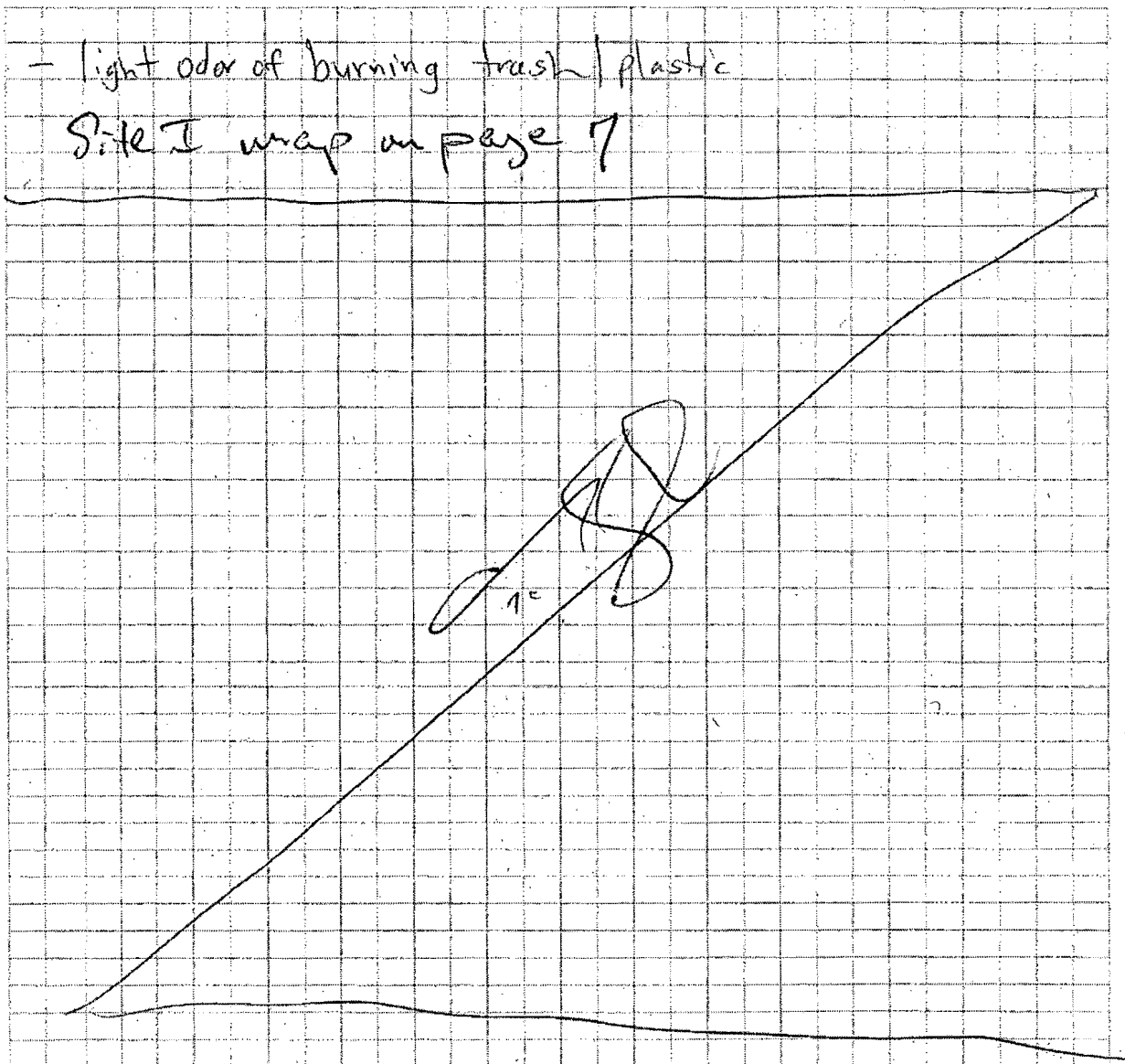
US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Continuation of field record for sample IAA062613

Other Notes/Sketch (Include North and Scale)

- light odor of burning trash/plastic

Site I wrap on page 7



Sample Team Leader/Sampler Signature/Date

Wayle 6/27/13

**US EPA Region 4
AMBIENT AIR PCB STUDY**

Anniston, Alabama

SESD Project Identification Number: 13-0363

June 2013

Station I.D. J Sample I.D. JAA062613

Site AIRS ID # NA

GPS Location see page 8

Site Description West 10th & Parkview Ave. - Solution/Eastman Property

SVOC Sampler ID # R4-P-004 Site Operator TS/BA/PF

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-03 Temperature Std # 020807-08

Start Date 6/26/13 Start Time 11:11

Stop Date 6/27/13 Stop Time 11:11

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp. m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | 1894.73 | 30.8 | 744.20 | 1.29 | 0.106 |
| End | 1919.15 | 27.2 | 741.19 | 1.26 | 0.106 |
| Average | | 29.0 | 742.695 | 1.275 | 0.106 |

Total Collection Time (minutes) 1440

Total Collection Volume (stp, m³) 152.7

Magnehelic start: 18 "11:20
Magnehelic End: 23

Continued next page

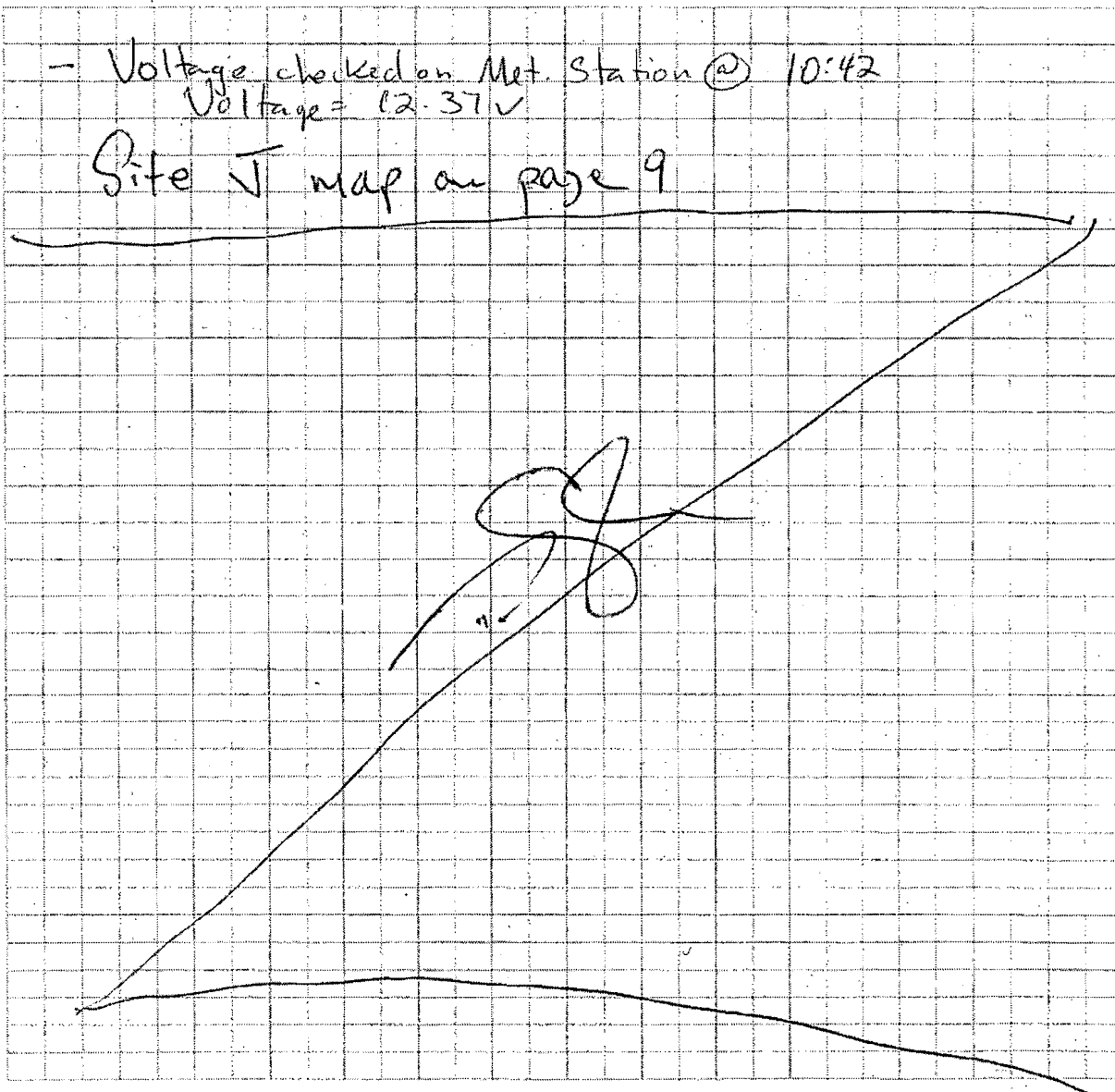
US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Continuation of field record for sample JAA062613

Other Notes/Sketch (Include North and Scale)

- Voltage checked on Met. Station @ 10:42
Voltage = 12.37V

Site T map on page 9



Sample Team Leader/Sampler Signature/Date

[Signature] 6/27/13

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Station I.D. J Sample I.D. JDAA062613

Site AIRS ID # NA

GPS Location See page 8

Site Description See page 8

SVOC Sampler ID # R4-P-005 Site Operator TS/BH/DF

Orifice # 1132 Digital Manometer # 011311-01

Pressure Std # 628-99-08 Temperature Std # 020807-08

Start Date 6/26/13 Start Time 11:11

Stop Date 6/27/13 Stop Time 11:11

| | Elapsed Time | Temperature (°C) | Barometric (mm Hg) | Manometer (in H ₂ O) | Flowrate (stp, m ³ /minute) |
|---------|--------------|---------------------|-----------------------|------------------------------------|---|
| Start | 539.19 | 30.8 | 744.20 | 1.31 | 0.107 |
| End | 563.60 | 27.2 | 741.19 | 1.26 | 0.106 |
| Average | | 29.0 | 742.695 | 1.285 | 0.106 |

Total Collection Time (minutes) 1440

Total Collection Volume (stp, m³) 153.3

Magnetelic start: 15

Magnetelic End: 16

Continued next page

US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Continuation of field record for sample ID AAO62613

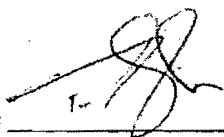
Other Notes/Sketch (Include North and Scale)

- Field Duplicate Sample
Site J map on page 9

END of Logbook
6/27/2013

End of Report

Sample Team Leader/Sampler Signature/Date

 6/27/13



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

May 15, 2014

Community Advisory Group
1812 Wilmer Avenue
Suite B
Anniston, AL 36201

Dear Community Advisory Group:

It has been a little over ten years since the first public meeting of the Community Advisory Group (CAG) for the Anniston PCB Site on January 20, 2004. Though members have come and gone, many of you have been an important part of the cleanup effort from the beginning. I want to express my appreciation to past and present members for their service on this group. It is a voluntary position with no reward except for the knowledge that you are serving your community to ensure that its concerns are heard as this Superfund cleanup is conducted. The U.S. Environmental Protection Agency's Administrator, Gina McCarthy, has clearly instructed staff that, "EPA must work each and every day - hand-in-hand with other federal agencies, states, tribes and local communities - to improve the health of American families and protect the environment one community at a time, all across the country."¹ Thank you again for helping the EPA fulfill this important mission objective.

Over the past ten years, thousands of residential properties have been sampled and all but a few dozen of those that needed to be cleaned up have been completed to ensure that the residential population of Anniston is protected, first and foremost, as they go about their daily routines. Many more samples have been collected to determine the nature and extent of contamination and the human health and ecological risks associated with contamination in non-residential areas, waterways, floodplains, groundwater, and air. Though there has been a substantial effort to keep the community updated about all the investigations and actions taking place, most of the interactions between potentially responsible parties (PRPs), the EPA, and the CAG have boiled down to discussing concerns about residential property cleanups, institutional controls (ICs), and PCB concentrations in air. Overlapping issues with the cleanup for the Anniston Lead Site have also arisen. In many instances, the community has not been satisfied with the responses provided by either the PRPs or the EPA. In an effort to further clarify and address these issues, I am offering the following information in hopes that we can resolve those concerns and engage more in topics that are of primary importance to upcoming decisions related to the cleanup work.

¹ Gina McCarthy, "EPA's Themes - Meeting the Challenge Ahead," Internet Accessed May 7, 2014, <http://www2.epa.gov/aboutepa/epas-themes-meeting-challenge-ahead#sustainablefuture>.

Internet Address (URL) • <http://www.epa.gov>

RESIDENTIAL INVESTIGATIONS AND CLEANUPS

As I mentioned above, the EPA has overseen the residential investigations and cleanups of both the Anniston PCB Site and the Anniston Lead Site. Though initial sampling began as an investigation centered on PCBs in the environment around the former Monsanto facility and in the downstream floodplains, sampling indicated that Lead was also a contaminant of concern and that both Lead and PCB contamination existed outside the floodplains. As a result, an administrative settlement agreement was reached with eleven other local industrial parties to sample and clean up many properties contaminated with Lead only, as well as a much smaller number of properties contaminated with Lead and PCBs in specified areas around certain industrial operations in Anniston and Oxford. Simultaneously, Solutia continued to clean up properties contaminated with only PCBs.

NATURE AND EXTENT OF RESIDENTIAL CONTAMINATION

For residential soils, the "nature" of contamination is defined as those Site related contaminants of concern and their respective concentrations. In Anniston, removal assessments were conducted by the EPA that determined that PCBs and Lead were the two main contaminants of concern in residential soils. The sources of this contamination were determined to be the industrial operations in Anniston and Oxford, including the former Monsanto facility and the local foundries.

The "extent" of contamination is defined as the vertical and horizontal distribution of contaminants of concern whose concentrations exceed residential closure levels. The residential closure levels were determined by risk assessments to be 1 milligram per kilogram (mg/kg) for PCBs in soil and 400 mg/kg for Lead in soil. The extent of the contamination was determined by sampling for both Lead and PCBs. The area sampled was determined based on the transport or distribution mechanisms for each contaminant.

Lead was assumed to be distributed to residential properties by two main pathways: air dispersion and the transport of contaminated fill material. Modeling indicated that air transport of Lead would not have extended beyond 500 meters from the point of discharge. For that reason, all residential properties within 500 meters of the PRPs' industrial facilities were required to be sampled. These areas were designated by Zone A and Zone D in the Anniston Lead Administrative Order.² For Lead contaminated fill material, it was assumed that for economic reasons, facilities would only have freely transported fill to locations less than the distance to a land disposal facility or dump. The area where Lead contaminated fill may have been placed on residential properties was designated by Zone B in the Anniston Lead Administrative Order. Sampling in Zone B was conducted at the request of property owners who knew they had fill or were concerned about the presence of fill on their properties. The list of properties to be sampled in Zone B was determined after an extensive community outreach effort was made.

PCBs were assumed to be distributed to residential properties by three main pathways: air dispersion, the transport of contaminated fill material, and surface water transport. Modeling

² USEPA, Administrative Agreement and Order on Consent, Docket No.: CERCLA-04-2005-3777, Effective January 17, 2006.

predicted that PCBs in air might have contributed to contamination in all zones. A review of the distribution of PCB detections in Zone B indicates that there is no reasonable expectation that additional properties in Zone B need to be sampled to determine the nature and extent of contamination in Zone B for the air pathway. For PCB contaminated fill material, it was assumed that for economic reasons, facilities would only have transported PCB contaminated fill to locations less than the distance to a land disposal facility or dump, and that excavated PCB contaminated floodplain soils would not have been transported beyond the area designated by Zone B in the Anniston Administrative Order. The surface water pathway created the most extensive mode of release of PCBs and involved the ditches and downstream drainage ways and their floodplains. Contamination from this pathway spread from the former Monsanto facility and adjacent landfills to both Snow Creek and Choccolocco Creek and the Coosa River bed impounded within Logan Martin Lake (impounded in 1964) and Lay Lake (impounded in 1914).³ For that reason, all residential properties within the 100-year floodplains of Snow Creek and Choccolocco Creek were required to be sampled. The area around the former Monsanto facility and adjacent landfills, and the 100-year floodplain along Snow Creek, make up Zone C in the Anniston Lead Administrative Order.

Collectively, over 7,900 properties were sampled for Lead and PCBs at both sites. Approximately 1,400 residential properties were cleaned up for Lead or PCBs or both. Roughly 105 properties still need to be cleaned up. Cleanups on residential properties for Lead and PCBs will continue periodically until all properties have been cleaned up. It is the EPA's position that residential sampling for Lead and PCB contamination in soils is complete. In other words, the nature and extent of Lead and PCB contamination in residential soils has been defined. Thus, the EPA does not intend to conduct any additional residential sampling except for what is required to complete the work at the previously identified residential cleanup locations.

The EPA will develop an informational fact sheet to address community concerns for properties that were either not sampled or where property owners do not agree with the results of previous sampling. The fact sheet will explain the investigation, why the EPA believes its investigation is complete, and the steps community members can take if they believe the identification of contamination has been missed on their properties.

MANAGEMENT OF RESIDUAL CONTAMINATION

Of the properties where cleanups for Lead were conducted, only five (5) properties were identified where Lead concentrations greater than 400 mg/kg were left in place below two feet of clean fill. On those properties, the responsible parties negotiated deed notices with most of the property owners that described the status of the contamination on the property. A deed notice is a type of IC. ICs can be recorded on the deed and can provide information about the condition of the property or can regulate or limit the use of the land where residual contamination creates a risk to the unrestricted use of the property. ICs are not needed for properties that do not contain actionable levels of contamination or that have been cleaned up to a level that provides for unrestricted use.

³ Reed Montgomery, "April on Alabama's Coosa River Lake's Logan Martin Lake and Lay Lake," Internet Accessed May 9, 2014, <http://www.fishingalabama.com/2013/03/april-on-alabamas-coosa-river-lakes-logan-martin-lake-and-lay-lake-by-reed-montgomery/>.

Of the properties where cleanups for PCBs were conducted, approximately 100 properties cleaned up under the Consent Decree and the Anniston Lead Administrative Agreement have PCB concentrations in subsurface soils (soils greater than one foot below the ground surface) greater than 1 mg/kg and less than 10 mg/kg. The PRPs for the Anniston PCB Site are currently preparing a remedial investigation and feasibility study to determine how to best manage the residual PCBs at depth in residential soils.

Additionally, all properties with residential structures located adjacent to areas where cleanup work was required for Lead or PCBs potentially have residual contamination beneath the structures. The EPA and the PRPs will contact local officials in Anniston, Oxford, and Calhoun County at least annually to determine if any structures have been removed on these impacted properties. Sampling of the newly exposed areas and cleanup, if required, will be conducted on these properties. The EPA and the PRPs will encourage local agencies to support this effort to manage these residual materials with internal policies or ordinances, though none are currently known to exist. These types of local administrative and legal controls or requirements are often used as ICs.

LONG-TERM COMMUNITY INVOLVEMENT

While the EPA is the lead agency for the Anniston Lead and PCB Sites, state and local governments are often the only entities that have legal authority to implement and enforce certain types of ICs (e.g., environmental covenants, deed notices, and zoning restrictions). Therefore, state and local governments, along with input from community members, generally are important partners for implementing, maintaining, and enforcing certain ICs at Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) sites. The EPA is eager to work with all stakeholders to provide protection from the residual contamination remaining in Anniston, Oxford, and the surrounding impacted areas.

There has been a great deal of discussion at CAG meetings about ICs. Several members of the CAG have stated that a community based organization should be funded at a level that would allow it to hire local workers or local contractors to keep track of residual PCB and Lead contamination on residential properties. The implication is that this group would monitor and report on the unauthorized disturbance of residual contamination remaining below structures or in subsurface soils, and work with property owners who want to properly conduct excavation work in impacted areas to prevent recontamination of surface soils.

While this type of program has been used at the Bunker Hill Site in the Coeur d'Alene Basin in Idaho, the extent of the cleanups at the Anniston Sites do not require that a similar program be set up in Anniston. The most significant difference between the Bunker Hill and Anniston Sites is the number of properties addressed that still contain actionable levels of residual contamination at depth. The Bunker Hill remedy involved the excavation of surface soil at more than 6,400 properties, but left Lead contamination in place below a 12 inch soil cap at concentrations between 350 and 5,000 mg/kg for many of these properties.⁴ The Anniston

⁴ "Cleaning up community areas at the Bunker Hill Superfund Site," Internet Accessed May 8, 2014, <http://yosemite.epa.gov/R10/cleanup.nsf/bh/cleaning+up+community+areas+at+the+bunker+hill+superfund+site;>

cleanups, however, involved the excavation of contamination from roughly 1,400 residential properties that contained elevated levels of Lead and PCBs, yet only approximately 100 of these properties still contain PCBs greater than 1 mg/kg at depth and only five (5) properties still contain Lead greater than 400 mg/kg at depth. Moreover, greater than 95 percent of the properties initially sampled in some towns at the Bunker Hill Site contained actionable levels of contamination in surface soils. However, only 17 to 18 percent of the properties initially sampled at the Anniston Sites contained contamination that needed to be cleaned up. The roughly 105 properties at the Anniston Sites that still contain residual contamination at depth represent less than 2 percent of the total properties sampled.

Instead of excavating deeper on all properties at the Bunker Hill Site, the CERCLA remedy required the development and implementation of a comprehensive long-term IC program to manage the future disturbance of the soil contamination remaining under the clean soil capped properties. This program was set up and is enforced through existing local rules and regulations and is managed by the Panhandle Health District and other local governmental entities. It is the EPA's opinion that a site-specific need for a Bunker Hill-type IC program does not exist at the Anniston PCB and Anniston Lead Sites. You should also be mindful that there are no federal ICs, thus there is no federal legal authority for creating this type of IC program at the Anniston Sites.

Recently, members of the CAG have started reporting to the EPA any digging activities that take place in the community, regardless of their relationship to the Anniston Sites. It was also suggested at the March CAG meeting that CAG members should be reimbursed for the expenses they incur with traveling to and filming these events. However, keeping track of local excavation work is not a responsibility of the CAG. Rather, CAG participation is a voluntary duty, which the EPA fully appreciates, and it is not intended to cause a financial strain on its members.

I realize that this CAG has been somewhat different from other EPA CAGs from its inception. Typically, the EPA or the PRPs fund and perform all administrative duties and arrangements for CAG meetings and provide information and materials on site-related topics. When this CAG was formed, the community instead insisted that it wanted the CAG to be completely independent from the EPA and the PRPs and requested that the PRPs provide it with a budget to rent an office, purchase supplies, and hire its own administrative staff to manage the CAG members' participation in this process. The PRPs honored this request, though they were not required to do so, nor is this something that the EPA would provide on a fund lead site. CAGs are also not intended to be permanent organizations, though the length of some Superfund cleanups sometimes makes it seem that way. As the CAG has made more demands for funding (e.g., the recent request for \$10,000 to hire an epidemiologist), it seems that the CAG is seeking to expand its duties beyond the agreed upon scope. Please keep in mind that there are limits to the role of a CAG and that the EPA cannot enforce a more active role for the Anniston PCB Site CAG under the terms of the existing Consent Decree.

PCB CONCENTRATIONS IN AIR

The issue of PCB concentrations in air has been a topic of concern for the CAG for many years. There have been a number of air sampling events associated with the Anniston PCB Site:

- Air samples were collected by the PRPs from 5 stations at the former Monsanto facility from 2000 through 2002.
- The EPA collected air samples from 8 locations in 2000.
- An additional air monitoring study was performed by the PRPs for the Alabama Department of Environmental Management (ADEM) from April 2003 to March 2004 and reported in the Resource Conservation and Recovery Act (RCRA) Facility Investigation Air Monitoring Report.
- Additionally, four samples were collected by the PRPs along Snow Creek at two locations in 2006 for use in the OU1/OU2 risk assessment.
- In October 2012, a total of six samples were collected by EPA at three locations, with six follow up samples collected at the same locations in June 2013.

At each event, PCBs were the only contaminant analyzed. All of the results were considered in the EPA Human Health Risk Assessment for the Anniston PCB Site. According to the EPA's Integrated Risk Information System (IRIS), if a site specific risk assessment is not conducted, the PCB ambient air concentrations associated with the EPA's acceptable carcinogenic risk range are:

| RISK | PCB Concentration ⁵ | |
|----------------|--------------------------------|-------------------------------|
| 1 in 10,000 | 1 µg/m ³ | (or 1000 ng/ m ³) |
| 1 in 100,000 | 0.1 µg/m ³ | (or 100 ng/ m ³) |
| 1 in 1,000,000 | 0.01 µg/m ³ | (or 10 ng/ m ³) |

Of the 318 individual air samples collected in Anniston, the maximum concentration was detected northwest of the former Monsanto facility in October 2003, with a PCB concentration of 145 ng/ m³. Of the most recent residential air samples collected in October 2012 and June 2013, the maximum concentration was detected west of the former Monsanto facility in October 2012, with a PCB concentration of 26 ng/ m³. Though risk from air is typically calculated using multiple or a range of values, it is clear that even using the maximum values discussed above are within the EPA carcinogenic risk range.

All of the air data collected has been sent to the Agency for Toxic Substances and Disease Registry (ATSDR). The air data collected in 2000 and 2002 was evaluated by the ATSDR in a Health Consultation dated December 13, 2003. The conclusion of the report was as follows:

Community members who reside near the Solutia Inc. facility are likely exposed to PCBs via inhalation. Because of the limited air sampling data in residential areas, the magnitude of these exposures cannot be determined; therefore, community member PCB

⁵ "Polychlorinated biphenyls (PCBs) (CASRN 1336-36-3)," Integrated Risk Information System, Internet Accessed May 7, 2014, <http://www.epa.gov/iris/subst/0294.htm>.

exposures via inhalation pose an indeterminate health hazard. This conclusion category is used by ATSDR when a professional judgment about the level of health hazard cannot be made because information critical to making such a determination is lacking.⁶

The air data collected in 2012 was evaluated by the ATSDR in a Health Consultation dated September 30, 2013. The conclusion of the report was as follows:

On the basis of the data reviewed and if the sampling on October 23 and October 24, 2012 were representative of typical conditions, ATSDR concludes that concentrations of PCBs in air at the I, J, and F sampling stations were low and are not expected to result in an increased cancer risk or other harmful health effects in people living in the neighborhoods outside the perimeter of the former PCB manufacturing facility.⁷

ATSDR has committed to evaluate the data collected in June 2013 and report directly to the community with its conclusions.

The EPA has tried to provide the air data and an evaluation of the data to the community several times. The EPA's risk assessment based on the year-long air pathway study conducted in 2003 and 2004 determined that the carcinogenic risk to residents adjacent to the facility from inhalation of PCBs in air was 2×10^{-6} (or 2 in 1,000,000). This is at the very low end of the EPA's acceptable risk range and is not considered a significant risk level. Exposure to PCB contaminated soil, sediment, and groundwater are considered to generate a much more significant risk than the air pathway. Additionally, the best way to reduce concentrations of PCBs in air is to reduce concentrations of PCBs in other soil, sediment, and groundwater sources that contain this material. The EPA has not been able to effectively or successfully communicate this information to the community at either CAG meetings or technical advisor meetings. For that reason, the EPA has recommended that the community discuss its public health concerns about PCBs in air with ATSDR.

THE EPA AND ATSDR RESPONSIBILITIES AT SUPERFUND SITES

The Superfund Program at the EPA was created to implement CERCLA. CERCLA was a Congressional mandate to remove or clean up abandoned and inactive hazardous waste sites and to provide federal assistance in toxic emergencies. Because PCBs have not been produced in Anniston since 1971, cleanup of the Anniston PCB Site fits well under the Superfund Program, even though the PRPs still conduct operations at the facilities.

ATSDR is the lead Agency within the Public Health Service for implementing the health-related provisions of CERCLA. ATSDR is charged under CERCLA "to assess the presence and nature of health hazards at specific Superfund sites, to help prevent or reduce further exposure and the illnesses that result from such exposures, and to expand the knowledge base about health effects

⁶ Lynn C. Wilder, *Health Consultation – Anniston PCB Air Sampling*, Anniston PCB Site, Anniston, Calhoun County, Alabama, EPA Facility ID: ALD000400123, December 18, 2003, 9.

⁷ Timothy R. Pettifor, *Health Consultation, Anniston PCB Air Sampling*, Anniston PCB Site, Anniston, Calhoun County, Alabama, EPA Facility ID: ALD000400123, September 30, 2013, 10.

from exposure to hazardous substances.”⁸ The EPA works very closely with ATSDR to ensure that its remedies are protective of public health.

PATH FORWARD

Each of the issues discussed above is complex and could be detailed more than was summarized in this letter. The EPA does not want to discount the importance of any of your concerns but also wants to find ways for us to keep moving forward on the important cleanup decisions ahead of us. For my part, I will produce informational devices to inform community members about the completion of the nature and extent evaluations and provide information and options for those who still have concerns about their property. At a recent meeting with members of the CAG, a recommendation was made that the EPA provide a website where community members can access a map showing where properties have been sampled and cleaned up for either Lead or PCBs. I will commit to work with my management and local representatives to determine if that type of tool can be developed and made available. I will also commit to require that residual contamination be tracked to prevent recontamination. However, the EPA does not see the site-specific need and does not have the federal legal authority to create the type of IC program the CAG discussed. I will also continue to send updated Site information to ATSDR, and I will invite ATSDR to communicate directly with you regarding your questions concerning PCBs in air.

Because there are two very important and complex decisions ahead of us, the Operable Unit (OU)-1/OU-2 Record of Decision and the OU4 Record of Decision, I would like to propose that we reduce the time spent on individual party updates in CAG meetings, and instead have a specific technical presentation at each meeting that will lead up to the Proposed Plans and public comment periods for these decisions. I propose the schedule below as a starting point; it will likely change depending on progress. The EPA will still be prepared to answer any questions from the CAG during the meetings and from the public during the designated comment sessions. I just want to ensure that the public is informed about these issues so that there are no surprises when the decisions on these topics are made.

| CAG Meeting Date | Topic |
|-------------------------|--|
| June (Full day) | Catchup for New Members – Background Information |
| July 21, 2014 | Fish Data, Trends, Studies and What They Mean |
| September 15, 2014 | Remedial Investigation OU1/OU2 |
| November 17, 2014 | Feasibility Study OU1/OU2 |
| January 26, 2014 | Proposed Plan for OU1/OU2 |
| March 16, 2014 | Baseline Ecological Risk Assessment OU4 |
| May 18, 2015 | Status Remedial Action OU3 |
| July 20, 2015 | Conservation Corridor and Its Impact OU4 |
| September 14, 2015 | Record of Decision OU1/OU2 / CD Negotiations Input |
| November 2015 | Status Remedial Action OU3 |
| January 2016 | Coosa River and Impoundments – How do they fit in? |

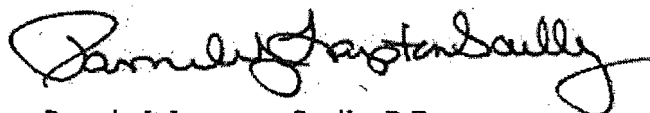
⁸ “ATSDR Background and Congressional Mandates,” Internet Accessed May 7, 2014, <http://www.atsdr.cdc.gov/about/congress.html>.

| | |
|----------------|--|
| March 2016 | Remedial Investigation OU4 |
| May 2016 | Feasibility Study OU4 |
| July 2016 | Proposed Plan OU4 |
| September 2016 | Record of Decision OU4 / CD Negotiations Input |

Going forward, I would like to recommit to you to do whatever can be done to resolve your concerns. I know that it is your community and you deserve to have a say in what happens there. I want to give you that opportunity, and I want to do everything I can to help you understand how the EPA arrives at its decisions.

I look forward to working with you and completing this project together.

Sincerely,



Pamela J. Langston Scully, P.E.
Remedial Project Manager
Superfund Remedial Branch

Pearce, Jennifer

From: Scully, Pam
Sent: Friday, November 07, 2014 11:02 AM
To: Pearce, Jennifer
Subject: FW: CAG September Meeting Agenda
Attachments: CAG Agenda September 2014.doc

From: Community Advisory Group [mailto:cag_cd@annistoncag.org]
Sent: Thursday, August 28, 2014 9:53 AM
To: CAG CD
Subject: CAG September Meeting Agenda

Good Morning,

Our September meeting agenda is attached.

Thanks

Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
1812 Wilmer Avenue
Suite B
Anniston, AL 36201
Voice: 256*741*1429
FAX: 256*741*3224
Website: www.annistoncag.org

Community Advisory Group (CAG) is an advisory group of citizens who exists to serve as a place for the

exchange of information and input from the community in the affected area and advise those individuals and organizations charged with carrying out the actions described in the Consent Decree in an effective and well-managed manner.

This electronic mail message is intended exclusively for the individual or entity to which it is addressed. This message, together with any attachment, may contain Community Advisory Group For The Consent Decree privileged information. The recipient is hereby put on notice to treat the information as confidential and privileged and to not disclose or use the information except as authorized by Community Advisory Group. Any unauthorized review, printing, forwarding, retention, copying, disclosure, distribution, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this message in error, please immediately contact the sender by reply email and delete all copies of the material from any computer. Thank you for your cooperation.



Community Advisory Group for the Consent Decree

David Baker
CAG-CD Chairman

Walter Frazier
CAG-CD Vice Chairman

Maudine Holloway
CAG-CD Secretary

Kay Beard
CAG-CD Treasurer

Dr. Barbara Boyd

Chester Carr Sr.

Shirley Carter

Henry Dorough

Ralph Driskell

Elaine Emory

Dr.C.K. Huguley

Mary Johnson

Robert A. Pyles

David Reddick

David Sumrall

Isabella Trussell

IN MEMORIAM
Andrew Bowie
West Anniston Resident
Dr. N. Q. Reynolds
James Hall

AGENDA

*September 15, 2014
Carver Community Center
720 West 14th Street
Anniston, Alabama
5:30 P.M.*

1. **Call to Order**
2. **Invocation**
3. **Approval of Today's Agenda and Minutes
from July Meeting**
4. **Financial Report**
5. **Updates**

- ☒ Institutional Controls Committee
- ☒ EPA
- ☒ Solutia
- ☒ Technical Advisor
- ☒ CAG Chairperson

6. **Community Comments and Questions**

Next Meeting: **November 17, 2014**
Carver Community Center, Anniston, AL

Adjourn

